AUTHOR INDEX

A

Abashian, A., 539, 541, 578, 579, 580, 581, 582
Abdelmalek, N. N., 202
Abragam, A., 39, 59, 75
Abraham, M., 98
Abrams, R. J., 539, 541, 578, 579, 580, 581, 582
Adair, R. K., 119
Adam, B., 200
Adams, J. B., 596
Adams, J. L., 139
Aeppli, H., 80, 85
Afrosimov, V. V., 449
Ageron, R., 210
Agureev, V. N., 95, 97
Ajzenberg-Selove, F., 13
Akay, A., 229, 230
Albers-Schönberg, H., 80
Albertsson, E., 390, 399, 401, 402, 416
Alder, K., 73, 75, 77, 125
Alefeld, B., 213, 218
Alessandrini, V., 271, 272
Alexander, T. K., 242
Alff-Steinberger, C., 541, 544, 545, 546, 547, 552, 553, 555, 558
Alfimenkov, V. P., 98, 106
Alford, W. P., 143
Alfvén, H., 291, 292
Ali, D., 107
Allardyce, B. W., 195, 199, 200, 201, 202
Allas, R. G., 143, 200
Allison, S. K., 449
Almqvist, E., 195, 200
Alpher, R. A., 616
Alvarez, L., 2, 11, 633, 637
Alves, R. N., 390
Amaldi, U., Jr., 161, 162, 178
Amati, D., 275, 280
Amato, J., 461
Ambler, E., 97, 98, 101, 104, 111, 472, 512
Anderson, E., 631, 634
Anderson, E. W., 465
Anderson, H. L., 633
Anderson, J. A., 534, 535
Anderson, J. D., 119, 128, 130, 131
Anderson, K. A., 291-344; 324, 327, 328, 330, 334, 337, 338, 339
Andersson-Lindström, G., 200
Ando, K. J., 39, 66, 73
Andresen, A., 220
Anishchenko, V. N., 98
Antal, J. J., 229
Apalin, V. F., 432, 434
Arase, T., 244, 245
Arbuzov, B. A., 493
Arditi, M., 153, 159, 161, 168, 171
Armbruster, P., 380, 429, 430, 436, 439, 440
Armstrong, D. D., 133
Armstrong, T., 324
Artman, J. O., 63
Asaoka, T., 209
Asayama, K., 94, 95, 96
Asbridge, J. R., 328, 329
Ashgar, M., 410
Astbury, A., 539, 630, 632
Atneosen, R. A., 430, 439, 440
Aubert, B., 555, 558, 583, 584, 585
Auchampaugh, G. F., 419
Austern, N., 166
Austin, S. M., 98
Averell, J. P., 534
Axford, W. I., 308

B

Baake, J., 284
Bacon, G. E., 217
Bacon, T., 578, 580
Baerg, A. P., 401
Bahcall, J. N., 15, 603, 604, 615
Bailey, J. M., 455, 463
Bainbridge, K. T., 33, 34
Bajorek, A., 248
Balashov, V. V., 163, 165, 179
Baldo-Ceolin, M., 555, 583, 584
Balling, L. C., 461, 463
Ballou, N. E., 427, 428
Baltay, C., 514
Bamberger, A., 195, 200, 201, 202
Bame, S. J., 328, 329
Bansal, R. K., 145
Barash, N., 514
Barclay, J., 97
Barcus, J. R., 339
Bardakci, K., 276
Bargmann, V., 450
Barkas, W. H., 500
Barker, F. C., 123
Barnes, C., 15
Barnes, R. G., 68
Barnes, V., 541, 549, 550, 551, 553
Barnett, C. F., 449
Barrett, D. H., 69
Barrett, J. H., 210
Barrett, P. H., 111
Barros, F. deS., 31-88; 58, 59, 64, 72, 73
Barshay, S., 514
Bartholomew, G. A., 208
Bartholomew, R. M., 401
Bartlett, D., 487
Barton, G., 505, 507
Barton, R., 3, 7, 8, 9, 10, 13, 14, 17
Bary, C. W., 353
Bassani, C., 210
Bassel, R. H., 129, 130
Batty, C. J., 131
Bauer, R. W., 80, 97
Bayhurst, B. P., 410, 412
Baym, G., 239
Bayman, B. F., 132, 134, 144
Baz, A. I., 3, 10, 19, 20
Becker, J. A., 134, 135, 136
Becker, L. C., 187
Becker, W., 501
Beg, M. A. B., 567
Behr, L., 555, 558, 583, 584, 585
Bell, J. S., 514, 520, 539, 583
Bell, R. E., 8, 9, 10, 11, 13, 14, 17
Belletini, G., 630, 632
Bellini, G., 287
Belovitskii, G. E., 405
Benedek, G. B., 237
Benenson, R. E., 146
Benioff, P. A., 164, 177
Bennett, E. F., 131
Bennewitz, J., 194
Beregei, P., 179
Berg, H. C., 464, 466

Berggren, T., 153-82; 153, 156, 159, 160, 161, 165, 166, 167, 168, 169, 170, 171, 173, 175, 176
Bergheim, K., 435, 436
Beringer, R., 454
Berko, S., 48
Bernstein, J., 508, 514, 539, 569, 570
Bernstein, S., 97
Bersohn, R., 59
Bertozzi, W., 435
Bethe, H. A., 445, 446, 453
Beun, J. A., 97, 107
Bezrukikh, V. V., 333
Bhavsar, P. D., 337
Biedenharn, L. C., 75
Bilpuch, E. G., 139, 140, 145
Bingham, H., 287
Birge, R. W., 499, 554, 555, 556
Bishop, A. S., 85
Bishop, G. R., 97
Bisi, V., 487
Bizzeti, P. G., 194, 200
Bizzeti Sona, A. M., 200
Blackall, P. M., 633
Blair, A. G., 130, 133
Blair, J. S., 200
Blake, J. B., 334
Blankenbecler, R., 281
Blatt, J. M., 20
Bleaney, B., 45, 97
Bleser, E., 465, 631, 634
Blewitt, T. H., 231
Blieden, R., 630, 632
Blinkowski, K., 257, 258
Blinov, M. V., 439
Blin-Stoyle, R. J., 89, 105, 122
Bloch, B., 195
Bloch, C., 138
Bloch, I., 20
Bloch, M., 287
Blok, J., 94, 97, 98, 107, 108, 110, 111
Blons, J., 409, 411
Bloom, S. D., 119, 124, 125
Blumberg, L., 392, 393, 395
Blume, M., 65
Blyumkina, Yu. A., 414, 415, 416
Bocciolini, M., 200
Bock, R., 133
Bodansky, D., 200
Bodenstedt, E., 77
Boehm, F., 95, 96, 110
Bogdanov, G. F., 25
Böhning, M., 195, 197
Bohr, A., 125, 380, 381, 390, 391, 406, 415
Bohr, N., 381, 382, 390, 435
Boldt, E., 534
Bollinger, L. M., 406
Bolsterli, M., 166
Bondarenko, I. I., 414, 415, 416
Bondorf, J. P., 130, 196, 200
Boonin, J. P., 631
Booth, E. T., 512
Borchers, R., 95, 96, 110
Borggreen, J., 200
Borgonovi, G., 253
Born, M., 188
Borreani, G., 483, 484, 487
Bosch, R., 390
Boschitz, E., 179
Bostrom, L., 78, 79
Bott-Bodenhausen, M., 539, 541, 547, 548, 552, 553, 555, 558
Bottino, A., 263
Bouchez, R., 33
Bouricius, W. G., 20
Boutin, H., 247
Boutron, F., 59
Bowden, A. R., 159, 161
Bowen, D. R., 474
Bowers, K. D., 45
Bowers, V. A., 448
Bowles, P., 558
Bowman, C. D., 410, 419
Bowman, H. R., 380, 423, 424, 425, 426, 428, 430, 431, 432, 434, 435, 436, 438, 440
Bowman, M. R., 159, 161
Boyarkina, A. N., 165, 179
Boyarski, A. M., 445, 462, 475
Boyer, K., 391, 416
Boyle, A. J. F., 39, 57, 70, 95
Braid, T. H., 9, 15
Brajovic, V., 247
Breit, G., 20, 42, 119, 122, 447, 450
Brenner, A. E., 534
Bridge, H., 300, 302, 304, 333
Bridge, H. S., 534
Brink, D. M., 171, 184, 187, 188, 189, 194, 195, 197, 198, 199
Britt, H. C., 379, 380, 390, 391, 392, 399, 402, 403, 420
Brix, P., 69
Brockhouse, B. N., 217, 238, 239, 240, 244, 245, 247
Brodsky, S. J., 453
Brolley, J. E., 400
Bromley, D. A., 200
Broode, C., 628
Brown, F., 401
Brown, G. E., 156, 168, 175
Brown, J. L., 483, 484, 487, 501, 534, 535
Brown, L. M., 493
Brown, L. S., 35
Brown, R. A., 461, 463
Brown, R. E., 200
Brown, R. Hanbury, 184, 189
Brown, R. R., 339
Brown, W. L., 340
Browne, C. P., 142, 143
Broyles, A. A., 20
Brugger, R. M., 215, 218
Brun, T., 257, 258
Brunhart, G., 94, 97, 98, 410, 412
Brussard, J. P., 163
Bubb, I. F., 199
Bunbury, D. S. P., 70, 95
Bunch, S. M., 153, 179
Bunin, B. N., 209
Buras, B., 228
Burbidge, E. M., 605
Burbidge, G. R., 605
Burcham, W. E., 119, 122, 123
Burgy, M. T., 220, 231
Burnett, D. S., 381, 391, 404, 421, 422
Burnett, T. H., 558
Burns, G., 59, 62
Burrows, J. R., 324
Businaro, U. L., 389
Butler, G., 134, 142

C

Cabibbo, N., 478, 486, 493, 508, 514, 539
Cacho, C. F. M., 97
Caforio, A., 487
Caglioti, G., 227, 244, 245
Cahill, L. J., 311, 327, 337
Cahill, L. J., Jr., 328
Caldwell, D. O., 534
Calimani, E., 555, 583, 584
Callahan, A. C., 486, 488, 489, 490, 492, 493, 501, 580
Camerini, U., 483, 484, 485, 486, 488, 489, 490, 492, 493, 499, 555, 556, 580, 583
Cameron, A. G. W., 6, 10, 19, 20, 21, 22, 26, 27, 426, 599
Cameron, J. A., 95, 97, 98, 107, 111
Cameron, R. C., 608
Campbell, I. A., 96, 97, 98,

107, 111
Campbell, L. E., 58
Campos Venuti, G., 161, 162, 178
Canavan, F. L., 555, 558, 583, 584, 585
Carboni, F., 97
Carpenter, D. W., 539, 541, 578, 579, 580, 581, 582
Carpenter, J. M., 219
Carrigan, R., 631, 634
Case, K., 512
Casimir, H. B. G., 38
Cassagnou, Y., 200, 201, 202
Cassel, D. G., 541, 547, 548, 552, 553, 555, 558
Cassen, B., 119, 122
Caverzasio, C., 153, 161
Cerny, J., 9, 18, 125, 134, 142
Ceulemans, H., 410
Chabre, M., 179
Chadan, K., 493
Chadwick, J., 32
Chamberlain, O., 153, 166
Chandrasekhar, C., 611
Chapman, C. J. S., 97, 107, 110
Charap, J. M., 264, 269
Charpak, G., 462
Chase, D. M., 380, 390
Chastel, R., 153, 179
Cheltsov, V. F., 25
Chen, S. H., 253
Chew, G. F., 155, 173, 275, 280, 281, 282
Chilashvili, O. A., 95, 97
Chin, C. W., 611
Chin, J., 100
Chinowsky, W., 512
Chiu, H.-Y., 591-618; 593, 594, 597, 599, 604, 607, 608, 611
Chounet, L. M., 555, 558, 583, 584
Chretien, M., 534
Christ, J., 213, 220, 229, 230, 231, 232
Christenson, J. H., 472, 513, 535, 536, 537, 538, 539, 542, 543, 551, 554, 555, 558
Christofilos, N. C., 291
Ciampolillo, S., 555, 583, 584
Cindro, N., 200
Ciocchetti, G., 493
Cladis, J. B., 153
Clarke, G. A., 463
Clayton, P. D., 599
Clegg, A. B., 119, 125, 157
Cleland, W. E., 455, 463
Cline, D., 499, 500, 501, 506
Cocconi, G., 630, 632
Cochran, E. L., 448
Cochran, W., 245
Cocking, S. J., 217, 220, 242
Coffer, C. O., 209
Cohen, B. L., 179
Cohen, E. R., 446, 454
Cohen, K., 362, 377
Cohen, R., 67, 68
Cohen, S., 380, 382, 383, 384, 385, 386, 387, 388, 389
Cojacaru, V., 406
Coleman, C. F., 64
Coleman, P. J., 327, 339
Colli, L., 184, 200
Collins, G. B., 631, 634
Collins, M. F., 257
Coltman, R. R., 231
Combe, J., 153, 179
Compton, D. M. J., 39
Compton, J. P., 97, 98, 107, 111
Condon, E. U., 119, 121, 122
Conner, J. P., 330
Coogan, H. M., 39, 66, 73
Coombes, C. A., 474
Cooper, J. A., 34
Coops, M. S., 419
Cork, B., 474
Cortellessa, G., 161, 162, 178
Cosper, S. W., 134
Costa, G., 630, 632
Costa, N. L., 54, 63
Cote, R. E., 406
Couchoud, E., 186, 194
Cowan, C. L., 591
Cowan, G. A., 410, 412
Cowley, R. A., 245
Cranshaw, T. E., 50
Craven, J. D., 324
Crawford, B. B., 534, 535, 555, 558
Crawford, F. S., Jr., 534, 535, 555, 558
Cresti, M., 534
Cribier, D., 233, 258
Cronch, H. R., Jr., 534
Cronin, J. W., 472, 513, 535, 536, 537, 538, 539, 542, 543, 551, 554, 558
Crouch, M. K., 591
Cue, N., 200
Cuer, P., 153, 179
Culvahouse, J. W., 97
Cuninghame, J. G., 412
Cutts, D., 487
Czirr, J. B., 146

D

Dabbs, J. W. T., 33, 73, 97, 98, 100, 103, 112, 390, 404, 412, 413
Dagley, P., 97
Dahlborg, U., 236, 247, 250, 251, 254
Dalitz, R. H., 502, 505, 508, 580
Dallimore, P. J., 191, 192, 195, 200, 201, 202
Dalton, B. J., 123
Daniels, J. M., 94, 97, 107
Danon, J., 54, 63
Das, T. P., 63
Dasannacharya, B. A., 251, 252
da Silva, A. G., 390
Daudel, P., 33
Daudel, R., 33
Daunt, J. G., 97
d'Auria, J. M., 14
Davis, L. R., 315, 316
Davis, R., Jr., 591
Davis, T. N., 338
Dawber, P. G., 248
Dayhoff, E. S., 454, 463
Dearnaley, G., 190, 200, 201
DeBenedetti, S., 31-88; 51, 52, 59, 62, 64, 72, 73, 76
DeBouard, X., 539, 541, 547, 548, 552, 553, 555, 558
Debrunner, P. G., 54
de Carvalho, H. G., 390
De Gennes, P. G., 234, 251, 253
Deinzer, W., 601, 610
Dekkers, D., 539, 541, 547, 548, 552, 553, 555, 558
Delucchi, A. A., 427, 428
Demos, P. T., 435
de Pagter, J. K., 445, 462
Depasquali, G., 54, 55, 72, 73, 82, 83
Dermedzgiev, E., 407, 408, 409, 410
Derrien, H., 409, 411
de Saussure, G., 409, 411
de-Shalit, A., 122, 125
Desi, S., 439
Detraz, C., 134, 141, 142
Deutch, M., 633
Deutsch, M., 80, 97
Deutschke, W., 82, 83
Devins, D. W., 153, 179
Devlin, T. J., 282
de Vroey, M., 400, 417, 418
De Waard, H., 72, 73, 95
Dexter, D. L., 229
Diamond, R. M., 392

Diaz, J. A., 406
Di Caporiacco, G., 200
Dickinson, W. C., 223, 225
Di Corato, M., 287
Diddens, A. N., 97, 107, 630, 632
Dienes, G. J., 229
Dietrich, K., 164, 165
Dimmler, C., 628
Diven, B. C., 414
Divine, N., 601, 605, 610
Dobrinin, Yu. P., 432
Donovan, P. F., 18
Doubre, H., 153, 159, 161
Douglass, R. L., 534
Dragt, A. J., 319
Drell, S. D., 462, 463
Drentje, S. A., 95
Drickamer, H. G., 54
Drijard, D., 287
Drisko, R. M., 129, 130
Dubrovina, S. M., 390, 400, 401
Duhm, H. H., 133
DuMond, J. W. M., 446, 454
Duncan, J. F., 54, 63
Dungey, J. W., 318
Durand, H., 97
Durand, L. III, 35
Durham, F. E., 200
Dzhelepov, B. S., 2, 3, 20, 22

E

Easley, W. C., 95, 97, 107
Eberhard, K., 202
Eccleshall, D., 380, 391
Eckhause, M., 455
Edelstein, N., 95, 107
Edelstein, R., 631, 634
Eder, O. J., 253
Edge, C. K., 54
Edmonds, A. R., 163
Edmonds, D. T., 94
Edwards, C., 70, 95
Egelstaff, P. A., 238, 242, 243, 251, 253, 254
Egidi, A., 300, 302, 304, 333
Ehrman, J. B., 148
Eicher, H., 67
Eisberg, R. M., 179
Eisenberg, J. M., 125
Eisenbud, L., 407
Eisler, F., 578, 580
Elbek, B., 200
Elioff, T., 487
Elliot, J. P., 163
Elliott, R. J., 67, 248, 258
Elliott, S. B., 214
Ellis, C. D., 32
Ellison, R. D., 98
Elton, L. R. B., 179
Elweyn, A., 200
Ely, R. P., 499, 555, 556, 583
Endt, P. M., 8, 16
Enemark, D. E., 338
Engelke, C. E., 146
Engelkemeier, D., 423
Epstein, R. J., 220
Erba, E., 202
Erickson, G. W., 453
Ericson, M., 186, 194
Ericson, T., 183-206; 184, 187, 190, 191, 192, 198, 202, 203
Ernst, J., 193, 200
Ernst, M., 220
Erskine, J. R., 143
Esterlund, R. A., 6, 9, 10, 11, 13, 14, 15, 16, 17
Evans, D. S., 339
Evans, G. E., 449
Eversdijk-Smulders, M. C., 98, 107
Ewald, H., 429
Exner, K., 183

F

Fabbri, O., 583
Fabri, E., 502
Facchini, U., 184, 200, 202
Faddeev, L. D., 271
Faier, H., 493
Fakuo, S., 633
Faler, K. T., 412
Fallieros, S., 145
Falthammar, C. G., 291, 292
Fan, C. Y., 330
Fano, U., 36
Farini, F., 583
Farley, F. J. M., 462
Farnoux, B., 233, 258
Faustov, R. N., 493
Fazzini, T., 200
Feather, N., 380
Fedorenko, N. V., 449
Feenberg, E., 119, 122
Feinberg, G., 35, 445, 446, 448, 467, 468, 508, 514, 569, 570
Feld, B. T., 212, 222
Felst, R., 541, 547, 548, 552, 553, 555, 558
Felthauser, H. E., 328, 329
Fenster, S., 463
Ferguson, A. T., 400, 417, 418
Ferguson, R. L., 427, 429
Fermi, E., 38, 41, 43, 207, 223, 446, 521
Fernbach, S., 156
Feshbach, H., 190, 195, 201
Fessenden, P., 195, 199, 200
Feynman, R. P., 124, 253, 592
Field, G. B., 464
Fieldhouse, P., 414
Filippi, C., 583
Filippi-Filosofo, C., 555, 583, 584
Fillius, R. W., 298, 300, 315, 316, 317
Fink, J., 66
Fink, R. W., 9, 15
Fiorini, E., 287
Firestone, A., 541, 549, 550, 551, 553
Firth, D. R., 534
Fischer, J., 631, 634
Fischer, V. K., 534
Fisher, G. P., 539, 541, 578, 579, 580, 581, 582
Fisher, T. R., 98
Fitch, V. L., 472, 475, 513, 535, 536, 537, 538, 539, 541, 542, 543, 544, 551, 553, 554, 555, 556, 558, 620
Fleming, D. G., 141
Flerov, G. N., 9, 11, 14, 17, 19
Flinn, P. A., 70, 71
Flowers, B. H., 163
Fluck, E., 63
Flygare, W. H., 72
Foelsche, H. W. J., 541, 549, 550, 551, 553
Foldy, L. L., 225
Foley, H. M., 58
Foley, K. J., 621, 623, 626, 627, 631, 632, 634, 638
Follin, J. W., 616
Foner, S. N., 448
Fong, P., 420
Forester, D. W., 64
Forkman, B., 390, 399, 401, 402, 416, 419
Forster, H. H., 153, 179
Fort, E., 200
Fowler, W. A., 605, 607
Fowler, W. B., 554, 555
Fox, J. D., 124, 134, 135, 136, 138, 139, 142, 472, 475, 516
Fraenkel, Z., 380
Frank, I. M., 209
Frank, L. A., 323, 324, 327, 334
Frankel, R. B., 94, 95, 97, 98, 100, 101, 103, 104, 107
Frankel, S., 384
Franklin, A. D., 474

Franzini, P., 514, 535, 555, 567, 583, 586, 587
Fraser, J. S., 379-444; 380, 410, 423, 424, 425, 426, 428, 432, 433, 434, 435, 436, 437, 438
Frauenfelder, H., 39, 54, 73, 75, 77, 80, 81, 82, 83, 85
Frautschi, S. C., 280
Freden, S. C., 334
Freeman, A. J., 58, 69, 95
Freeman, B. E., 20
Freeman, J. W., 311, 324, 333
French, J. B., 132, 144, 145
Frenkel, J. I., 237
Freytag, D., 630, 632
Friedberg, C. E., 487
Friedberg, R., 567
Friedel, J., 82
Friedman, A. M., 9, 15
Friedman, E., 131
Friedman, J. I., 445, 462, 512
Frisken, W. R., 8, 9, 10, 13, 14, 17
Fritsch, K., 237
Fritz, T. A., 334
Froissart, M., 276
Fronterotta, C., 161, 162, 178
Fry, W. F., 405, 499, 500, 508, 555, 556, 583
Fubini, S., 264, 275, 280
Fujii, J., 555, 631, 634
Fuller, E. G., 98, 101
Fuller, R. W., 435
Fultz, S. C., 419
Furubayashi, B., 20
Furuichi, S., 478

G

Gabbe, J. D., 340
Gabriel, R., 633
Gadioli, E., 195, 200
Gaidos, J. A., 499, 555, 556
Gaillard, M. K., 514
Galbraith, W., 474, 539, 630, 632
Galitskii, V. M., 25
Gallaher, L. J., 97, 107
Gallone, S., 389
Gamow, G., 591, 597
Garcia-Munoz, M., 449
Garelli, C. M., 487
Garron, J. P., 153, 159, 161, 168, 179
Garvey, G. T., 125, 134
Garwin, R. L., 445, 450, 452, 462, 512
Gatti, R. C., 381, 391, 404
Gatto, R., 478, 508
Gauyin, H., 153, 179
Geiger, J. S., 454
Gelfand, N., 514
Geller, L., 348, 351, 352, 358
Gell-Mann, M., 124, 172, 270, 277, 280, 281, 445, 512, 592
Gemel, D. S., 627
Gerholm, T. R., 85
Geshwind, S., 50
Gettner, M., 445, 462
Giacconi, R., 321
Giacomelli, G., 487, 508
Gibbs, W. R., 190, 195, 200, 201, 380, 390, 392, 393, 399, 402, 420
Gibson, W. M., 380, 423, 426, 430, 439, 440
Gibson, W. R., 179
Gidal, G., 486, 487, 488, 489, 490, 492, 493, 499, 580
Giegerich, K., 209
Giffels, C. A., 82
Gilbert, A., 606
Giles, J. C., 97
Gilmore, J. S., 410, 412
Gilmore, R. S., 623, 627, 632, 634, 638
Gindler, J., 380
Gissler, W., 224
Gizon, J., 97
Glaeser, W., 218
Glaser, D. A., 501
Glashow, S., 514
Glass, G., 445, 462
Glassgold, A. E., 466
Glaudemans, P. W. M., 163
Glendenin, L. E., 430, 439
Glendenning, N. K., 163
Gleyvod, R., 200
Gloeckler, G., 330
Gobel, H., 430
Goldanskii, V. I., 1-30; 2, 3, 4, 5, 6, 10, 14, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 39, 54, 70
Goldberg, M., 501
Goldberger, M. L., 155, 172, 173, 281
Golden, R. L., 534, 535, 555, 558
Goldhaber, G., 508
Goldhaber, M., 34
Goldhaber, S., 508
Goldhammer, P., 163
Goldschmidt, G., 97
Goldwasser, M., 633
Good, J. H., 508
Good, M. L., 512, 521, 534, 554
Good, R. H., 554, 555, 558
Gooding, T. J., 153, 159, 161, 165, 178, 179
Gopinathan, K. P., 80
Gorobchenko, V. D., 95, 97, 104
Gorter, C. J., 97, 107
Gottlieb, M. B., 335
Gottschalk, B., 153, 159, 161
Goulard, B., 145
Goulding, F. S., 9, 134, 142
Goulianos, K., 487
Grace, M. A., 89, 94, 97, 98, 105, 107, 108, 110
Graf, G., 439
Graham, W. R., 199
Grant, R. W., 96, 97, 105, 107
Grauman, J., 508
Green, M., 225
Greendale, A. E., 427, 428
Greenebaum, B., 97
Gregory, J. M., 97, 107, 110
Greider, K. R., 171
Greiner, D. W., 500
Greytak, T., 237
Gribov, G., 276
Gribov, V. N., 277, 280
Griffin, H. C., 430, 439
Griffin, J. J., 379, 380, 390, 392, 393, 395, 399, 402, 411, 419, 420
Griffing, D. F., 97, 98
Griffiths, D. J., 94, 97
Griffiths, R. J., 179
Grin, Yu. T., 420
Gringauz, K. I., 333
Gritsyuk, Yu. N., 432, 434
Grodzins, L., 38, 95, 96, 110
Grover, J. R., 436
Groves, T. H., 487
Gunn, J. E., 615
Günther, G., 78
Gunther, H., 427, 429, 430
Gurnett, D. A., 334
Gurr, H. S., 591
Gursky, J., 393, 394
Gusakov, M., 153, 179

H

Haag, J. N., 97, 107
Haas, R., 209, 217, 241, 246
Haddock, R. P., 146
Hafemeister, D. W., 72, 73
Hagemann, G. B., 95, 96, 110

Hahn, O., 379
Halban, H., 97, 107
Halbert, M. L., 195, 200
Hall, H. E., 39, 57
Hall, I., 191, 192, 195, 199, 201, 202
Halpern, I., 380, 392, 393
Halpern, O., 223, 225, 234
Hamlin, D. A., 293
Hamming, K. W., 348
Hammond, R. P., 374, 375
Hanauer, S., 98, 103
Hanna, S. S., 55, 56, 200
Hansen, L. F., 153, 179
Hansen, O., 200
Hantmann, R. D., 486, 488, 489, 490, 492, 493, 580
Hardy, J. C., 8, 9, 10, 11, 13, 14, 15, 17
Hargrove, C., 633
Härm, R., 604
Harney, H. L., 200
Harris, H. K., 324, 334
Harth, E., 501
Hartle, J. B., 271, 272
Hashimoto, Y., 143
Hasted, J. B., 449
Hauser, U., 67, 68
Häusser, O., 193, 200, 202
Havens, W. W., 248
Hayakawa, S. I., 134, 135, 136
Hayashi, C., 605, 608, 609
Hayward, R. W., 97, 104, 472, 512
Haywood, B. C. G., 253
Hazony, Y., 72
Heald, M. A., 454
Heberle, J., 55, 56, 72
Heckman, H. H., 320
Heer, E., 73, 106
Heisenberg, W., 119
Heller, R. B., 231
Heller, S., 631, 634
Hemmig, P. B., 84
Henderson, C., 483, 484, 485
Hendrie, D. L., 179
Henkel, R. L., 391, 400
Henley, E. M., 145
Hennessy, J., 287
Henshaw, D. G., 255
Henson, R. W., 229
Heppner, J. P., 327, 339
Herber, R. H., 52
Herman, R. C., 616
Hess, J., 97
Hess, W. N., 153, 318
Heuer, W., 541, 544, 545, 546, 547, 552, 553, 555, 558
Heydenburg, N. P., 200
Hien, N. C., 631, 634
Higinbotham, W., 623, 627, 632, 634
Hihara, T., 95
Hill, D. L., 103, 407, 435
Hill, J. S., 97
Hill, R. D., 97, 98
Hill, R. W., 97, 107
Hillman, P., 153, 159, 161, 162, 164, 165, 166, 171, 177, 178
Hills, H. K., 323
Hincke, P., 633
Hinman, G. W., 82
Hirschfeld, A. T., 97, 100
Hittmair, O., 400
Ho, J. C., 96
Hockenbury, R. W., 409, 411, 412
Hoffman, M. M., 439
Hofmeyr, C., 248
Hogerton, J. F., 348, 351, 352, 358
Höhler, G., 284
Holbrow, C. H., 134
Holland, C. H., 558
Hollander, J. M., 34
Holliday, R. J., 95, 97
Holm, W. M., 40
Holmryd, S., 219, 236
Hones, E. W., 292
Hoot, C. G., 132, 144
Hope, J., 163
Hopkins, H., 578, 580,
Hopkins, J. C., 414
Hoppes, D. D., 97, 100, 104, 472, 512
Hoshi, R., 605, 608, 609
Hough, P. V. C., 632, 633, 637
Hourani, E., 153, 179
Hovestadt, D., 429, 430
Hoy, G. R., 31-88; 59, 82
Hoyle, F., 605, 607
Hubbert, M. K., 346
Hudson, R. P., 97, 111, 472, 512
Huetter, T., 508
Hufner, S., 69
Hughes, D. J., 207, 220, 225, 231
Hughes, E. B., 474
Hughes, V. W., 445-70; 445, 447, 450, 452, 453, 454, 455, 456, 461, 463, 468
Huiskamp, W. J., 94, 97, 98, 107, 111
Huizenga, J. R., 200, 202, 380, 391, 392, 399, 401, 403
Huizita, H., 555, 556, 583, 584
Hull, M. M., 20
Humblet, J., 171
Humphrey, W. E., 620, 632, 637
Hunt, J. B., 131
Huntzicker, J., 94, 95, 96, 97, 107
Hutchinson, D. P., 454, 462, 487
Huus, T., 125
Hyde, E. K., 379, 404
Hyman, L. G., 534

I

Iddings, C. K., 463
Igi, K., 287
Ignatenko, A., 406
Ignatyev, K. G., 413
Igo, G., 153, 179
Il'in, R. N., 449
Imlay, R. L., 474
Impeduglia, J., 512
Imry, J., 248
Ingalls, R. B., 54, 55, 59, 63
Ingalls, R. I., 51, 52, 59, 62
Inglis, D. R., 119
Iori, I., 184, 195, 200, 201, 202
Isacsson, P., 153, 159, 160, 161, 165, 166, 169, 170, 171, 176
Iselin, F., 630, 632
Itoh, J., 94, 95, 96
Ivantchev, N., 72
Iyengar, P. K., 215, 249
Izyumov, Yu. A., 234

J

Jaccarino, V., 51, 52, 53, 70
Jackson, D. F., 173, 175, 178, 179
Jacmart, J. C., 153, 159, 161, 168, 171, 179
Jacob, G., 156, 157, 160, 165, 167, 168, 169, 171, 176, 177, 178
Jacobs, L. D., 530
Jacobson, L., 300, 302, 304, 333
Jacrot, B., 233, 258
Jagare, S., 130
Jahn, H. A., 163
James, A. N., 153, 179
Jänecke, J., 4, 10, 20, 25, 26, 143
Janik, J. A., 246
Jastram, P. S., 97
Jeffries, C. D., 33, 73, 89, 98
Jen, C. K., 448
Jenkins, T. L., 591

Jensen, G. L., 483, 484, 487, 501
Jensen, J. H. P., 163
Jezak, E. V., 177
Jha, S., 72
Johansson, A., 161, 165, 169, 176, 178
Johansson, S. A. E., 380, 399, 400, 401, 402, 404, 416, 417, 436, 438, 439
John, W., 405
Johns, M. W., 97, 107
Johnson, C. E., 94, 97, 98, 107, 108, 110
Johnson, M. H., 234
Johnston, A. R., 179
Jones, B. D., 539, 630, 632
Jones, G. A., 119, 125, 137
Jones, K. W., 134, 142
Jones, R. S., 623, 626, 627, 631, 632, 634, 638
Jordan, B., 539, 541
Jordy, G. Y., 365
Josephson, B. D., 27, 41
Jousseaume, C., 409
Jovic, D., 254
Judd, B. R., 94, 97, 108, 110
Judge, D. L., 327, 339

K

Kabir, P. K., 452
Kacser, C., 493, 505, 507
Kadanoff, L. P., 237
Kadyk, J. A., 483, 484, 487, 501, 534, 535
Kaeser, R. S., 97, 104
Kaiser, E., 230
Kalbfleisch, G. R., 534
Kalinin, S. P., 25
Källen, G., 445, 453
Kalmus, G. E., 483, 484, 485, 486, 488, 489, 490, 492, 493, 499, 580
Kalmus, R. I. P., 633
Kalvius, M., 67
Kankeleit, E., 68, 96
Kapitza, S. P., 390, 400, 401, 402
Kaplan, M., 93, 96, 97, 98, 107, 111
Kaplan, S. N., 406
Kapoor, S. S., 380, 430, 435, 436, 439, 440
Kapur, P. L., 266
Karnaukhov, V. A., 2, 3, 6, 7, 9, 11, 14, 17, 18, 19, 20, 22, 27
Karplus, R., 293
Kashchukeev, N. T., 405
Katsanos, A., 200
Katz, L., 321, 401
Kavaloski, C. D., 137, 200
Kazarinov, N. M., 439
Kazek, C. S., 436
Kedzie, R. W., 98
Keller, D. A., 96
Kellogg, P. J., 318
Kelson, I., 380
Kendall, H. W., 445, 462
Kerler, W., 63
Kerman, A. K., 171, 173, 174, 175, 195
Kernan, A., 483, 484, 485, 499
Keyworth, G. A., 139, 140, 145
Kezthelzi, L., 96
Khrapov, V. V., 54
Khutsishvili, G. R., 94, 97, 108
Kienle, P., 66, 67, 68, 69
Kiker, W. E., 423, 424
Kim, C. C., 153, 179
Kim, H. J., 138
Kim, J. K., 541, 549, 550, 551, 553
Kinoshita, T., 474
Kirpichnikov, I. V., 413
Kirsch, L., 514, 535, 555, 567, 583, 586, 587
Kirschner, W., 632, 633, 637
Kistner, O. C., 50, 58, 61, 70
Kitt, G. P., 412
Kivikas, T., 399, 419
Klein, M. P., 95, 107
Klein, P., 119
Klein, P. R., 487
Kleinheinz, P., 439
Kleinknecht, K., 541, 544, 545, 546, 547, 552, 553, 555, 558
Kley, W., 209, 217, 241, 246, 248
Knipper, A. C., 97
Knobeloch, G. W., 410, 412
Kobayashi, S., 95
Köberle, R., 463
Kodama, T., 478
Koehler, W. C., 222, 229
Koenig, S. H., 454
Koester, L., 223, 224
Kogan, A. V., 97, 98
Köhler, W., 210
Kohn, W., 82, 244
Koi, Y., 95, 107
Kolac, M., 97
Kolar, Z., 200
Koller, E. L., 508
Koltay, E., 200
Konecny, E., 380, 427, 429, 430, 432
Konradi, A., 329
Kontani, M., 94, 95, 96
Kornbichler, S., 248
Korner, H., 95
Korpiun, P., 231
Kowalski, S. B., 401
Kraushaar, J. J., 33
Krebs, K. H., 241, 246
Krieger, T. J., 238
Krienan, F., 629
Krohn, V. E., 220
Krominga, A. J., 177
Kronmüller, H., 230
Kroó, N., 253
Kropp, W. R., 591
Kruger, C., 628
Kuehner, J. A., 195, 200
Kuhlmann, W., 221
Kukla, D., 213
Kulišić, P., 200
Kul'kov, V. D., 97, 98
Kullander, S., 153, 159, 160, 161, 165, 166, 169, 170, 171, 176
Kurti, N., 94, 97, 107, 108
Kusch, P., 447, 450, 453, 454, 456
Kutikov, I. E., 432, 434
Kuznetsov, V. F., 414, 415, 416
Kyker, G. C., 139, 140, 145

L

Lach, J., 541, 549, 550, 551, 553
Lagarrigue, A., 287
Lajtai, A., 439
Lamarche, J. L. G., 97
Lamb, W. E., Jr., 454, 456, 463
Lambert, R. H., 448, 461, 463
Lambertson, G. R., 474
Lamphere, R. W., 380, 390, 392, 400, 401
Lande, K., 512
Landis, D. A., 9, 134, 142
Landkammer, F. J., 223
Lane, A. M., 123, 126, 128, 129, 130, 133, 134, 136, 137, 146, 147, 149
Lane, J. A., 345-78; 345, 358, 363, 372
Lang, D. W., 195
Lang, L. G., 51, 52, 59, 62, 66, 72
Langer, J. S., 82
Lanon, R. E., Jr., 534
Larrabee, J. F., 445, 462
Larrimore, L., 209
Larsson, K. E., 219, 236, 247, 250, 251, 253, 254
Lassen, N. O., 200

Lastovka, J. B., 237
Lauritsen, T., 13
Lauterjung, K. H., 221
Law, M. E., 534
Lawrence, J. N. P., 380
Lawson, J. S., 82, 83
Lazarus, A., 300, 302, 304, 333
Leachman, R. B., 190, 195, 196, 200, 201, 392, 393, 394, 436
Lebech, B., 228
Lebedeff, S. A., 466
Lebedev, V. I., 432, 434
LeBlanc, M. A. R., 94, 97
Lebowitz, J. M., 146
Leciejewicz, J., 228
Le Couteur, K. J., 195
Lederman, L. M., 35, 445, 446, 448, 450, 452, 465, 512
Lee, B., 278
Lee, L. L., 142, 200
Lee, T. D., 471-510; 511-90; 448, 466, 472, 508, 512, 513, 514, 515, 519, 524, 525, 527, 539, 540, 569, 570, 591, 592, 593
Lees, J., 70, 71
Lees, J. K., 82
Lefebvres, F., 630, 632
Lehmann, P., 81, 82, 85
Leininger, R. F., 33
Leitner, J., 501
Lemmel, H. D., 248
Lemmer, H. R., 97
Lenchek, A. M., 320
Lerner, J. L., 142
Lévi, C., 200, 201, 202
Levi, M. W., 97
Levy, H. A., 247
Levy, R. M., 98
Lew, J. S., 294
Lewis, R. R., 514
Lichtman, S., 501
Lillberg, J., 633
Lillethun, E., 630, 632
Lilley, J. S., 137
Lim, K. L., 165, 173, 174, 176, 179
Lin, R. P., 327, 339
Lindenbaum, S. J., 619-42; 621, 623, 626, 627, 631, 632, 634, 638
Lindgren, I., 78, 80
Lindquist, R. H., 95
Lindqvist, T., 78, 79, 106
Lines, R. A. G., 97, 98, 107, 111
Link, W. T., 8, 9, 10, 13, 14, 17
Lipkin, H. J., 39, 165
Lipman, N. H., 539, 630, 632
Lippmann, B., 172
Littlejohn, C., 55, 56
Liu, M., 153, 159, 161, 179
Livolant, M., 210
Lloyd, L. J., 534, 535
Lobkowicz, F., 472, 475, 516
Locher, P. R., 50
Logan, R. K., 284
Loh, E. C., 475
Long, D. D., 134, 135, 136, 142
Longoni, A. M., 263
Love, D. L., 427, 428
Love, T. A., 436, 439
Love, W. A., 621, 623, 626, 627, 631, 632, 634, 638
Lovejoy, C. A., 94, 97, 107, 108, 110
Lovelace, C., 271, 280
Low, F. E., 281
Low, G. G., 257
Low, W., 45
Lowde, R. D., 220, 228, 253, 256
Lowys, J. P., 555, 558, 583, 584
Lubbers, J., 94, 97, 111
Ludwig, G. H., 291
Luers, D., 578, 580, 582
Lu Hsi-T'ing, 27
Lurio, A., 450
Lushchikov, V. I., 98, 106
Lütjens, G., 514
Lutkin, H., 130
Lyashchenko, N. Ya., 380, 382, 388
Lynn, J. E., 407, 408
Lyon, E., 300, 302, 304, 333

M

Macagno, E., 324
McCarthy, I. E., 165, 173, 174, 175, 176, 177, 179
McCarthy, J., 98
McCauley, G. P., 175
McCleod, G. R., 633
McClure, J. W., 119, 128
McColm, D. W., 450, 452, 455
McDaniel, E. W., 449
McDiarmid, I. B., 324
Macdonald, B., 406
McDonald, D. K. C., 194
Mac Donald, W. M., 119, 122, 123, 125, 148, 320, 323
McDowell, S. W., 274, 478, 514
MacFarlane, M. H., 132, 144, 145
Macfarlane, R. D., 18, 22
McFarlane, W. K., 474
Machechina, T. A., 248
Macial, A., 78, 79
McIlvain, R. L., 632, 633, 637
McIlwain, C. E., 291, 297, 298, 300, 313, 318, 338
McKee, R., 633
McMahon, T., 631, 634
McManus, H., 171, 173, 174, 175, 393
McPherson, D., 195, 200
McPherson, R., 3, 6, 7, 8, 9, 10, 11, 13, 14, 15, 16, 17
Madhov Rao, L., 233, 258
Madsen, B., 200
Maglic, B. C., 629, 630, 632
Maienschein, F. C., 436, 439
Maier, G., 214
Maier-Leibnitz, H., 207-62; 207, 208, 212, 213, 223, 436, 439, 440
Makarov, E. F., 54, 70
Maksymowicz, A., 478, 493
Maleh, I., 107
Mallie, J., 633
Malmfors, K. G., 38
Malone, D. P., 450
Malos, J., 539, 630, 632
Mandelstam, S., 275, 276, 277, 279, 280, 281
Mandò, M., 200
Mann, A. K., 474
Manning, G., 539, 630, 632
Maples, C., 141
Maradudin, A. A., 248
Marcazzan, G. M., 184, 200
March, R. H., 486, 488, 489, 490, 492, 493, 580
Margolis, B., 17
Marinescu, L., 406
Marini, E., 195
Marinov, A., 142
Marion, J. B., 123, 143
Maris, Th. A. J., 153, 155, 157, 159, 160, 161, 164, 165, 166, 170, 171, 174, 177, 178
Marrus, R., 107
Marsden, E., 2
Marshak, H., 94, 97, 98, 101, 102, 110
Marshall, W., 66
Martienssen, W., 183
Martin, D. G., 229

Martin, P. C., 237
Martin, R. L., 633
Martirosyan, K. A., 280
Marx, E., 281
Marzari-Chiesa, A., 487
Masatov, L. S., 333
Massimo, J. T., 534
Masson, D., 266
Massonet, L., 153, 179
Mather, D. S., 414
Mathur, V. S., 493
Matora, I. M., 209
Matsen, R. P., 554, 555
Matthews, J. L., 435
Matthias, E., 58, 75, 78, 79, 80, 94, 95, 98, 103
Mattioli, F., 555, 583, 584
Mayer, M. G., 163
Mayer-Kuckuk, T., 183-206; 193, 195, 198, 200, 201, 202
Mazaki, H., 34
Mazloum, F., 153, 159, 161
Mead, G. D., 305, 319, 324
Meadows, J. W., 414, 627
Medvedev, B. A., 439
Mehlhop, W. A. W., 558
Meisner, G. W., 534, 535, 555, 558
Meister, H., 429, 430
Melissinos, A. C., 472, 475, 516
Melkonian, E., 146
Mellet, R., 33
Menardi, S., 217
Menes, J., 454, 462, 631, 634
Menichella, E., 200, 202
Meredith, L. H., 335
Mermaz, M., 200, 201, 202
Mermod, R., 539, 541, 547, 548, 552, 553, 555, 558
Metropolis, N., 384
Metzger, F. R., 38
Meyer, B., 591
Meyer, S. L., 465
Meyerhof, W. E., 225
Meyer-Schützmeister, L., 143, 200
Miari, G., 555, 583, 584
Michau, J. C., 633
Michaudon, A., 407, 408, 409, 410, 411
Michel, F. C., 599
Michel, L., 450
Michelosse, J., 633
Miedema, A. R., 94, 97, 98, 111
Mihalov, J. D., 315, 316, 318
Mihul, A., 405
Mikaelyan, L. A., 432, 434
Mikke, K., 228
Miklavžič, U., 153, 159, 161, 169, 178
Milazzo, M., 184, 200
Milburn, R. H., 534
Miller, G. L., 426
Miller, J., 81, 82, 85
Miller, L. G., 412, 413
Miller, P. D., 98, 102
Miller, R. H., 631
Milton, D. W., 339
Milton, J. C. D., 379-444; 208, 380, 389, 423, 424, 425, 426, 428, 431, 432, 433, 434, 435, 436, 437, 438
Misenta, R., 209
Mitchell, B. E., 375
Mittera, I. S., 578, 580, 582
Mittner, P., 555, 558, 583, 584
Moak, C. D., 200
Moat, A., 414
Mobley, R. M., 455, 461, 463
Moldauer, P. A., 191
Møller, H. B., 213, 220
Monahan, J. E., 200
Montgomery, M. D., 330
Monti, D., 487, 508
Moon, R. M., 48
Moore, C. F., 124, 134, 135, 136, 138, 139, 142
Moore, J. A., 213
Moore, M. S., 406, 407, 409, 411, 412, 413
Moore, R. B., 8, 9, 10, 13, 14, 17
Moorhead, W. G., 632, 633, 637
Moravcsik, M. J., 146
Morgan, D., 468
Morinaga, H., 125, 147
Morpurgo, G., 125
Morris, T., 541, 549, 550, 551, 553
Morrison, G. C., 133, 137
Morrison, P., 593
Mössbauer, R. L., 39, 40, 67, 68
Mottelson, B., 125
Moyer, B. J., 153, 282
Muga, M. L., 380
Muir, A. H., Jr., 39, 40, 66, 73
Muller, F., 554, 555
Muller, T., 462
Murphree, D. L., 486, 488, 489, 490, 492, 493, 499, 580
Murphy, C. T., 487, 499
Murty, S. S., 558
Mutchler, G. S., 97
Muxart, R., 33
Myers, M. A., 300, 302, 304
Myers, W. D., 381, 382, 404, 405

N

Nadelhaft, I., 631, 634
Nagashima, Y., 472, 475, 516
Nagy, L., 439
Nakada, M. P., 318, 319
Nakano, G. H., 320
Nambu, Y., 463
Naqib, I. M., 200
Natali, S., 486, 487, 488, 489, 490, 492, 493, 555, 556, 580, 583
Nathans, R., 220
Navarro, Q. O., 93, 98, 100, 103, 107
Neffkens, B. M. K., 539, 541, 578, 579, 580, 581, 582
Negri, P., 287
Neiler, J. H., 380, 423
Nelkin, M., 221, 223, 238
Ness, N. F., 302, 306, 308, 309, 311, 326, 328
Nesterov, V. G., 414, 415, 416, 417, 418
Nethaway, D. R., 427, 429
Neudatchin, V. G., 179
Neugebauer, M., 300, 302, 304
Neumann, M. J., 631
Neuwirth, W., 63
Neve de Mevergnies, M., 410
Newson, H. W., 139, 140, 145
Newton, R. G., 271
Nguyen Van Hieu, 493
Nicodemus, D. B., 225
Nielsen, P., 257, 258
Niemela, L. Q., 475
Nifenecker, H., 409
Nikitin, L. P., 97, 98
Nikolaev, S. K., 209
Nikolenko, V. G., 98, 106
Nilsson, G., 239, 244, 245
Nilsson, J., 478
Nilsson, S. G., 401, 420
Nite, V., 228
Nix, J. R., 380, 381, 388, 389, 420, 422
Noble, J. V., 148
Norbeck, E., 626, 627
Northrop, J. A., 391, 416
Northrop, T. G., 292
Novey, T. B., 73, 220
Novikov, V. M., 406
Noyes, H. P., 145
Nygren, D. R., 146

O

Obenshain, F. E., 64, 96
O'Brien, B. J., 324, 338
Oehme, R., 512, 519, 524
Ogawa, S., 478
O'Halloran, T., 508
Okazaki, A., 256
Okolovitch, V. N., 414, 415, 416
Okun, L. B., 493, 513
Olesen, J. S., 200
Olson, R. A., 328, 329
Omelianenko, M., 406
Omnès, R. L., 263-90; 271, 272
Oneda, S., 485, 493
O'Neill, G. K., 474
Oort, J. H., 615
Opower, H., 429, 430
Oren, Y., 541, 549, 550, 551, 553
Osborne, W. Z., 500
Otroshchenko, G. A., 390, 400, 401
Owen, J., 45
Ozaki, S., 475, 621, 623, 626, 627, 631, 632, 634, 638

P

Pahl, J., 630, 632
Pais, A., 478, 512
Pal, Y., 508, 534
Palevsky, H., 219, 628, 631
Paoli, R. J., 324, 334
Paolini, F. R., 321
Papineau, L., 200, 201, 202
Pappalardo, G., 195, 200, 201, 202
Parfenova, V. P., 98
Parham, A., 630, 632
Parker, E. N., 302
Parker, G. W., 97, 98, 103, 112, 390, 404, 412, 413
Parker, P. D., 18
Parker, P. M., 58
Parlinski, K., 248
Parsons, N. R., 339
Pascand, C., 555, 558, 583, 584
Passell, L., 94, 97, 98, 213, 220, 223, 225, 257, 258, 410, 412
Pasternak, M., 72
Patel, V. L., 327, 339
Patlach, A. M., 454, 462
Pauli, W., Jr., 591
Paulikas, G. A., 334
Pearlstein, L. D., 168
Peele, R. W., 436, 439
Pehl, R. H., 9, 18, 125, 134, 142
Peierls, R. E., 266
Peiah, I., 248
Pellam, J. R., 97
Penzias, A. A., 615
Peretti, J., 248
Perez-Mendez, V., 282, 631, 633
Perez y Jorba, J., 97
Perkins, R. B., 555, 556
Perlman, M. L., 430, 439, 440
Perlow, G. J., 55, 56, 72
Perrin, G., 409
Perring, J. K., 539
Perriot, G., 210
Peterson, B. A., 615
Peterson, W., 247
Petrascu, M., 405, 406
Petrov, L. A., 7, 9, 11, 14, 17, 19
Petschek, H. E., 308
Pettersson, B. G., 85
Pfab, J. M., 631
Phillips, J. N., 286, 288
Phillips, N. E., 96
Piccioni, O., 512, 541, 544, 547, 549, 552, 554, 555, 558, 559, 562
Pikelner, L. B., 209
Pilcher, E., 219
Pinkston, W. T., 130, 133, 166, 167
Pipkin, F. M., 97, 448, 461, 463
Piroue, P. A., 555, 556
Pittman, F. K., 377
Placzek, G., 234, 235, 236
Plano, R. J., 535, 555, 567, 583, 586, 587
Plasil, F., 380, 381, 392, 403, 404, 420, 422
Platner, E. D., 626, 631
Pless, I., 633, 637
Poate, J. M., 199
Poindexter, J. M., 68
Polkinghorne, J. C., 278
Pomeranchuk, I. Ya., 277, 280, 287
Pontecorvo, B., 448
Poortmans, F., 410
Popov, N. A., 380, 382, 388
Poppema, O. J., 97
Porter, C. E., 184, 191, 406, 407
Portis, A. M., 95
Poskanzer, A. M., 6, 9, 10, 11, 13, 14, 15, 16, 17
Postma, H., 94, 97, 98, 107, 110
Potter, D., 623, 627, 632, 634
Pound, R. V., 41, 50, 75, 94
Powell, B. W., 632, 633, 637
Powell, W. M., 486, 488, 489, 490, 492, 493, 499, 554, 555, 556, 580, 583
Pranal, Y., 409
Preiss, I. L., 14
Prentki, J., 513
Prepost, R., 450, 452, 455
Present, R. D., 119, 122
Preston, M. A., 395
Preston, R. S., 55, 56
Prestwood, R. J., 410, 412
Price, L., 534, 535
Price, P. B., 381, 391, 404
Prior, O., 420
Prodell, A. G., 454
Prokoshin, Y. D., 631, 634
Protopopov, A. N., 439
Pu, R. T., 486, 488, 489, 490, 492, 493, 580
Pugh, H. G., 153, 159, 161, 165, 178, 179
Pullen, D. J., 134
Purcell, E. M., 464
Püschel, W., 487, 508
Pyle, R. V., 406

Q

Quareni, G., 487
Quareni-Vignudelli, A., 487, 508
Quarles, C. A., 475, 626, 631
Quitmann, D., 69

R

Rabi, I. I., 447
Rabotnov, H. C., 390, 400, 401, 402
Raboy, S., 220
Racah, G., 36, 163
Radford, H. E., 454
Radicati, L. A., 119, 125
Rado, G. T., 253
Rae, E. R., 400, 401, 412, 417
Rahman, A., 251, 253
Raievski, V., 209
Ramachandran, R., 153, 159, 160, 161, 165, 166, 167, 169, 170, 171, 176
Ramanna, R., 435, 436, 439
Rama Rao, P. N., 435, 436
Randles, J., 209
Rao, K. R., 244, 245, 251, 252

Rarita, W., 286, 288
Rasmussen, J. O., 34, 93, 97, 98, 103, 107, 380, 440
Ratcliff, K. F., 197, 199
Rau, F. E. W., 436
Rauch, F., 200
Reading, D. H., 474, 630, 632
Reagan, J. B., 337
Reale, A., 161, 162, 178
Rebka, G. A., Jr., 41, 50
Reddy, K. R., 72, 73
Redman, J. K., 231
Reeder, P. L., 6, 9, 10, 11, 13, 14, 15, 16, 17
Reeves, H., 599, 600
Regge, T., 263
Reich, C. W., 406, 407
Reichle, L., 366, 377
Reid, J., 339
Reines, F., 591
Reinov, N. M., 97, 98
Remeika, J. P., 64, 65
Renberg, P. U., 153, 157, 159, 161, 169
Reynolds, C. A., 94, 97, 98, 110, 401, 412
Reyston, R. J., 633
Ribon, P., 409, 411
Ricci, R. A., 153, 159, 161
Riccobono, G., 209
Richard, P., 124, 134, 135, 136, 137, 138, 139, 142
Richardson, A. C. B., 98, 101
Richter, A., 193, 195, 198, 200, 201, 202
Rickey, M. E., 132, 134, 144
Rief, H., 209
Riley, K. F., 153, 161, 165, 178
Rinaudo, G., 483, 484, 487
Ringo, G. R., 220
Riou, M., 153, 157, 159, 160, 161, 168, 171, 179
Ritson, D. M., 475
Ritus, V. T., 594
Robert, J., 33
Roberts, L. D., 33, 64, 73, 96, 97, 98, 100, 103
Robinson, F. N. H., 97, 107
Robinson, R. L., 138
Robson, D., 119-52; 4, 123, 124, 130, 134, 135, 136, 137, 138, 139, 141, 145, 146
Rodberg, L. S., 195
Roe, B. P., 483, 484, 487, 501, 534, 535
Rogers, J. D., 77, 97
Rogers, P. C., 190, 200, 201
Romanova, T. A., 405
Ronat-Pless, E. E., 534
Rose, M. E., 75, 125
Rosen, J. L., 465
Rosen, S. P., 505, 507
Rosenberg, T. J., 339
Rosenblum, S. S., 80, 94, 95, 99, 100
Rosenblum, W. M., 165
Rosenfeld, A. H., 620, 632, 637
Rosenfeld, L., 119, 171
Rosenson, L., 534
Rosenthal, M. W., 352, 353, 373
Rosler, H., 429
Rosner, B., 134
Rössle, E., 200
Rost, E., 132, 144
Roth, R. F., 539, 541, 542, 544, 553
Rothberg, J. E., 455, 461, 463, 465
Rothwell, P., 334
Rotter, I., 165, 179
Rowe, P. C., 131
Roy, A. P., 249
Roynette, J. C., 153, 159, 161, 168, 171
Rubbia, C., 541, 544, 545, 546, 547, 552, 553, 555, 558
Rubin, R., 241, 246, 248
Ruby, S. L., 70, 72
Ruddick, P., 417, 418
Ruderman, M. A., 592, 596
Ruhla, Ch., 153, 159, 161, 168, 171, 179
Rush, J. J., 248
Russ, J. S., 539, 541, 542, 544, 553
Russell, J. E., 409, 411 412
Russell, J. J., 621
Rutherford, E., 2, 32
Ryabov, U. V., 407, 408, 409, 410
Ryan, D., 630, 632
Rybakov, B. V., 25
Rybchinsky, R. E., 333

S

Sachs, R. G., 512, 513, 514, 515, 583
Saetta-Menichella, E., 184, 202
Safford, G., 247
Safrata, R. S., 98
Sailor, V. L., 94, 97, 98, 110, 406, 410, 412
Sakamoto, M., 240, 247
Sakamoto, Y., 165, 169, 176, 178, 179
Sakurai, J. J., 513
Salandin, G. A., 534
Salisbury, S. R., 337
Salomon, N., 78, 79
Salpeter, E. E., 445, 446, 453, 601, 607, 610, 615
Salter, R. M., 146
Salvadori, P., 161, 162, 178
Sam, D., 427, 428
Samman, A., 153, 179
Samoilov, B. N., 94, 95, 97, 104, 108
Sandage, A. R., 600
Sandler, C. L., 486, 488, 489, 490, 492, 493, 580
Sandweiss, J., 541, 549, 550, 551, 553
Sanmann, E. E., 392
Sapp, R. C., 97, 111
Sargent, C. P., 435
Satchler, G. R., 129, 130, 133, 166, 167
Sauter, G. D., 410
Savenko, I. A., 334
Savin, E. P., 97, 98
Savin, I., 541, 547, 548, 552, 553, 555, 558
Sawyer, R., 278
Scanlon, J. P., 630, 632
Scearce, C. S., 309, 311, 326
Scharff, P., 539, 541, 547, 548, 552, 553, 555, 558
Schatzman, E., 610
Scherm, R., 213, 224
Schermer, R. I., 94, 97, 98, 110, 410, 412
Scherrer, P., 80
Schiffer, J. P., 50, 138, 142, 200
Schilling, W., 229
Schimmer, B., 221
Schlaile, H., 284
Schmatz, W., 213, 214, 220, 224, 229, 230, 232
Schmidt, P. E., 535, 555, 567, 583, 586, 587
Schmidt, P. W., 233
Schmitt, A. P., 210
Schmitt, H. W., 380, 423, 424, 432
Schneider, W., 58, 75
Schoen, A. H., 39
Schönberg, M., 591, 597
Schooley, J. F., 94, 97, 98, 110
Schröder, I. G., 213
Schult, O., 212, 225
Schultz, J., 567
Schwarcz, E. H., 130
Schwartz, R. B., 225, 410
Schwarz, H. R., 209
Schwarzschild, M., 604
Schwinger, J., 172
Sciuto, F., 209

Scott, B. L., 153, 179
Scribano, A., 541, 544, 545, 546, 547, 552, 553, 555, 558
Scurlock, R. G., 94, 97, 98, 107, 108
Seaborn, J. B., 125
Seeger, A., 229, 230
Seeger, P. A., 6, 10, 19, 20, 21, 22, 26, 27, 426
Seek, J. B., 309, 311, 326
Segel, R. E., 145, 200
Segnan, R., 72
Segrè, E., 33, 41, 43, 153, 166
Selenškaja, N. S., 179
Sellschop, J. P. F., 591
Selove, W., 530
Sens, J. C., 462
Serber, R., 156
Serio, J. C., 82
Serlemitsos, P., 327, 328
Severiens, J. C., 97, 514
Seyboth, D., 96
Seybruth, P., 632, 633, 637
Shabalin, E. P., 493
Shaklee, F. S., 483, 484, 501
Shapalin, E. P., 209
Shapiro, A. M., 534
Shapiro, F. L., 98, 106, 209, 228
Shapiro, G., 454, 462
Sharma, R. R., 63
Sharp, R. D., 337
Shavrin, P. I., 334
Shaw, P. B., 599
Shelly, E. G., 98
Sherman, N., 171
Sheronova, S. M., 333
Sherr, R., 132, 144
Sherwood, B., 631
Sherwood, H., 631
Shigin, V. A., 390, 400, 401
Shimizu, S., 34
Shipinel, V. S., 98
Shirane, G., 220
Shirley, D. A., 89-118; 41, 69, 71, 80, 93, 94, 95, 96, 97, 98, 99, 100, 101, 103, 105, 106, 107, 108, 109, 110, 111
Shiryaev, B. M., 439
Shoptaugh, J. R., 209
Shore, F. J., 94, 97, 98, 110, 410, 412
Shortley, G. H., 121
Shott, M., 97, 98
Shull, C. G., 48, 220
Shutt, R. P., 620
Sidorov, V. A., 25
Siegbahn, K., 85
Siegert, G., 427, 429
Siekman, J. G., 97
Siemssen, R. H., 133
Siivola, A. T., 10, 18, 19, 22
Silva, R. W., 300, 302, 304
Simmons, J. E., 392
Simon, F. E., 97
Simons, D. G., 97
Simopoulos, A., 72
Simpson, J. A., 330
Simpson, O. D., 409, 411, 412
Sinclair, D., 483, 484, 487, 501, 534, 535
Sinclair, R. N., 240, 247
Singer, P., 493
Singer, S., 330
Singer, S. F., 320
Singh, P. P., 200
Singh, V., 281
Singstad, J., 439
Singwi, K. S., 237, 251
Siscoe, G. L., 308
Sistemich, K., 221
Sjölander, A., 237, 251
Skarsvag, K., 435, 436, 439
Sklyarevskii, V. V., 94, 95, 97, 104, 108, 439
Sköld, K., 219, 253
Slater, J. C., 34
Slettenhour, H., 630, 632
Smart, D., 321
Smirenkin, G. N., 390, 400, 401, 402, 414, 415, 416, 417, 418
Smirnitski, V. A., 487
Smirnov, Yu. F., 179
Smith, A. B., 627
Smith, F. V., 348
Smith, G. R., 591
Smith, J. H., 539, 541, 578, 579, 580, 581, 582
Smith, L. F., 337
Snyder, C., 300, 302, 304
Sokolov, I. A., 97
Soldatov, A. C., 390, 400, 401, 402
Sommerfield, C. M., 454
Sonderegger, P., 284
Sonett, C. P., 327, 339
Soper, J. M., 128, 129, 130, 133, 134, 147
Sosnowska, I., 228
Sosnowski, J., 228
Sott, M., 98, 104
Sowter, C. V., 97, 107, 110
Spear, R. H., 199
Specht, H. J., 429, 430, 436, 439, 440
Spiller, E., 183
Spinrad, R. J., 626, 627, 628
Sporn, P., 348, 358, 362
Springer, T., 207-62; 213, 214, 223, 229, 247, 248
Squires, E. J., 269
Squires, G. L., 243
Stabler, R., 594
Stack, J. D., 281, 282
Stamer, P., 508
Standing, K. G., 131
Stanek, F. W., 67
Stanford, C. P., 97
Starfelt, N., 400, 417, 418
Stavinskii, V. S., 202, 435
Stecher-Rasmussen, F., 213, 220
Stedeford, J. B. H., 449
Stedman, R., 239, 244, 245
Steenland, M. J., 97, 107
Steffen, R. M., 58, 73, 74, 75, 77, 78, 81, 84, 85
Stein, N., 137
Stein, W. E., 379, 380
Steinberger, J., 514, 520, 535, 541, 544, 545, 546, 547, 552, 553, 555, 558, 567, 583, 586, 587
Steining, R., 80
Stel'makh, M. F., 97, 98
Stepanov, E. P., 94, 95, 97, 108, 439
Stephen, R. O., 187, 188, 189, 194, 195, 197, 198, 199, 202
Stephens, F. S., 392
Stephenson, G. J., 143
Stephenson, T. E., 97
Sternheimer, R. M., 57, 58, 62
Stevens, K. W. H., 45
Stevenson, M. L., 534
Stevenson, R. W. H., 256
Stewart, P., 599
Steyert, W. A., 97
Stiening, R., 487
Stier, P. M., 449
Stock, R., 133
Stogsdill, E. E., 330
Stokes, R. H., 380, 390, 391, 392, 399, 402, 416, 420
Stoller, S. M., 348, 351, 352, 358
Stolovy, A., 94, 95, 96, 97, 98
Stone, N. J., 93, 94, 95, 96, 97, 98, 100, 101, 103, 107, 111
Stork, A., 230, 232
Störmer, C., 291
Stothers, R., 601, 610, 611
Strassmann, F., 379
Strauch, K., 153, 159, 161

Strohal, P., 200
Strohm, W. W., Jr., 97, 111
Strom, P. O., 427, 428
Strong, I. B., 328, 329
Strutinskii, V. M., 380, 382, 388, 392, 439
Subbotin, V. G., 3, 6, 7, 9, 11, 14, 17, 19
Sucher, J., 485
Sugahara, Y., 478
Sugimoto, D., 605, 608, 609
Suhl, H., 253
Sukhoruchkin, S. I., 413
Sullivan, J. D., 463
Sundberg, O., 153, 157, 159, 160, 161, 165, 166, 169, 170, 171, 176, 178
Sunyar, A. W., 50, 58, 61
Svec, K., 97
Swanson, R. A., 558
Swiatecki, W. J., 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 391, 392, 404, 405, 419, 420, 422, 423, 431, 432, 434, 435, 436, 438

T

Tafar, J. D., 630, 632
Taft, H. D., 541, 549, 550, 551, 553
Takumi, K., 229
Talmi, I., 122, 125
Tamura, T., 98, 101, 102, 130
Tang, Y. C., 168
Tannenbaum, M. J., 541, 544, 545, 546, 547, 552, 553, 555, 558
Tanner, N. W., 184, 188, 189, 195, 200, 201, 202
Taran, Yu. V., 98, 106
Tarantin, N. I., 3, 20
Tavernier, G., 209
Taylor, A. E., 539, 630, 632
Taylor, H., 324
Taylor, H. E., 292
Taylor, H. F., 97
Taylor, R. T., 94, 97, 98, 107, 108
Taylor, S., 508
Taylor, T. B., 156
Taylor, T. J., 248
Teillac, J., 153, 159, 161
Telegdi, V. L., 220, 445, 450, 512
Temmer, G. M., 97, 111, 197, 220
Templeton, D. H., 97, 107
Ter-Akopian, G. M., 3, 6, 7, 9, 11, 14, 17, 18, 19, 20, 22
Teranischi, E., 20
Terrell, G., 139
Terrell, J., 430, 431, 432, 434, 435, 436
Tewksbury, S., 472, 475, 516
Thaler, R. M., 171, 173, 174, 175
Thomas, G. E., 406
Thomas, J. E., 233
Thomas, R. G., 123, 126, 136, 148, 191, 406, 407
Thomas, T. D., 380, 423, 426, 427, 430, 436, 439, 440
Thompson, P., 461
Thompson, S. G., 380, 381, 391, 404, 423, 424, 425, 426, 428, 430, 431, 432, 434, 435, 436, 438, 440
Thomson, J. O., 64, 96
Thouvenin, P., 200
Thun, J. E., 85
Tibell, G., 153, 157, 159, 161, 169, 178
Ticho, H. K., 534
Tietge, J., 487, 508
Tikhomirov, F. A., 405
Tittel, K., 541, 544, 545, 546, 547, 552, 553, 555, 558
Tobailem, J., 33
Tocchetti, D., 227
Todd, W. B., 38
Tolhoek, H. A., 97
Tonolini, F., 184, 202
Tonolini, L., 202
Toppel, B. J., 119, 125
Trainor, L. E. H., 119, 125
Treiman, S. B., 141, 478, 512, 513
Triebwasser, S., 454, 463
Triftshäuer, W., 224
Trilling, G. H., 473, 483, 484, 487, 501, 504, 515, 534, 535, 567
Tromp, R. L., 412
Troutner, D. E., 427, 429
Trozzolo, A. M., 65, 66
Truong, T. N., 493, 514
Tsipenyuk, Yu. M., 390, 400, 401, 402
Tsujimura, A., 95
Tsytovitch, V. N., 596
Turberfield, K. C., 256
Turchinetz, W., 435
Turkot, F., 631, 634
Turlay, R., 472, 513, 535, 536, 537, 538, 539, 542, 543, 551, 554, 558
Turrell, B. G., 96, 97, 98, 107
Tverskaya, L. V., 334
Tverskoy, B. A., 334
Twiss, R. G., 184, 189
Tyapin, A. S., 382
Tycko, D., 58, 514
Tyrén, H., 153-82; 153, 159, 160, 161, 164, 165, 166, 169, 170, 171, 176, 177

U

Umakantha, W., 256
Unik, J. P., 380, 391, 392, 399, 401, 403, 430, 439
Usachev, L. N., 390, 400, 401, 402, 414, 415, 416
Usma, K., 249

V

Vager, Z., 200
Valentin, L., 153, 159, 161, 179, 539, 541
Vallance, J. M., 352, 358, 360, 361, 362, 365
Van Allen, J. A., 291, 311, 323, 324, 335, 341
Vandenbosch, R., 380, 401, 426, 427, 434
VanderBurg, V., 487
Van der Leun, C., 8, 16
Vanderohe, R. H., 627
Van der Velde, J. C., 534, 535
van der Woude, A., 187
van de Walle, R. T., 483, 484, 487
van Dievoet, J., 209
van Hildenbrand, H., 209
Van Hove, L., 234, 235, 236
Van Jun-Tsgan, 407, 408, 409, 410
van Miegroet, J., 209
Van Shee-Dee, 407, 408, 409, 410
van Wieringen, H., 163
Varley, J. D., 6, 10, 19, 20, 21, 22, 26, 27
Veillet, J. J., 287
Veltman, M., 513
Venkataraman, G., 249
Venter, R. H., 145
Verdan, G., 248
Vernon, W., 539, 541, 542, 544, 553
Vernov, S. N., 334
Verrall, R. I., 9, 10, 13, 14, 15, 17
Vertogradov, L. S., 19
Vigneron, L., 153, 179
Vigone, M., 487
Vijayaraghavan, P. R., 249
Vik, R. C., 293

Villani, M., 486, 487, 488, 489, 490, 492, 493, 580
Vincent, D. H., 55, 56
Vinduska, M., 98, 104
Vineyard, G. H., 252, 253
Vivargent, M., 539, 541, 547, 548, 552, 553, 555, 558
Vlasov, N. A., 6, 11, 25
Vogt, E., 195, 200, 406, 410, 412
Vogt, E. W., 208
Voiculescu, G., 406
Vonach, H. K., 200, 202
von Brentano, P., 133, 193, 195, 198, 200, 201, 202
von Briesen, H., 472, 475, 516
Von der Raay, H. B., 630, 632
Vondy, D. R., 351
von Ehrenstein, D., 143, 200
von Witsch, W., 193, 195, 198, 200, 202
Vorotnikov, P. E., 390, 400, 401
Vosko, S. H., 82
Vourvopolous, G., 134, 135, 136

W

Wageningen, R., 97
Wagner, F., 67
Wagner, R., 98, 102
Wahl, A. C., 427, 428, 429
Wakasa, A., 478
Walker, C. B., 236
Walker, L. R., 51, 52, 53, 70
Walker, T. G., 539, 630, 632
Wallace, J. R., 231
Wallmann, J. C., 98
Walls, R. F., 243
Walt, M., 320, 323, 341
Walter, F. J., 100, 112, 380, 390, 404, 412, 413, 423
Walter, M., 85
Walters, J., 630, 632
Walton, G. N., 423
Wang, I.-T., 465
Wang, K. H., 153, 161
Warren, B. E., 229
Watanabe, T., 409, 411, 412
Waters, J. R., 321
Watson, C. E., 134, 135, 136
Watson, K. M., 174, 293
Watson, R. E., 49, 51, 58, 69, 95
Watson, R. L., 380, 440
Wattenberg, A., 578, 580, 581, 582
Webb, F. J., 210, 217, 220, 253
Webster, M., 541, 549, 550, 551, 553
Wechsler, M. S., 210
Wegner, H. E., 130, 134
Weidenmüller, H. A., 202
Weinberg, S., 141, 467, 503, 505, 513, 514
Weinrich, M., 445, 450, 452, 512
Weinstein, R., 445, 462, 475
Weinstock, R., 235
Weiss, R. J., 229, 231
Weissenberg, A. O., 487
Weisskopf, V. F., 20, 456, 516
Wenzel, W. A., 474, 620
Werbrouck, A. E., 483, 484, 487
Wertheim, G. K., 39, 51, 52, 53, 54, 58, 64, 65
Westenbarger, G. A., 94, 95, 97, 98, 106, 107, 109, 110
Wetherell, A. M., 630, 632
Weyhmann, W., 97
Whalen, J. F., 414, 627
Whaler, B., 200
Wheatley, J. C., 97, 98
Wheeler, J. A., 103, 381, 382, 390, 393, 399, 406, 407, 408, 411, 435
Whetstone, S. L., Jr., 380, 423, 424, 432
White, H., 632, 633, 637
White, H. S., 554, 555, 556, 583
White, P. H., 417, 418
White, R. S., 315, 316, 318
Whittemore, W. L., 209, 247
Whittle, C., 97, 107
Wick, G. C., 119, 120, 480, 522
Wickman, H. H., 65, 66, 69, 95, 107
Wiechers, G., 163
Wiedemann, W. H., 40, 67
Wiegand, C. E., 33, 621
Wiener, E., 248
Wightman, A. S., 120
Wigley, P. W. R., 54, 63
Wigner, E. P., 119, 120, 124, 125, 136, 407, 456, 516
Wikner, E. G., 59
Wilbur, B. M., 389
Wilcox, J. M., 153, 302, 308
Wildermuth, K., 168
Wilets, L., 379, 380, 386, 390, 406, 407, 408, 411, 420
Wilkens, M., 230
Wilkins, B. D., 380, 391, 392, 399, 403
Wilkins, M. C., 475
Wilkinson, D. H., 4, 18, 119, 125, 141
Wilkinson, M. K., 222, 229
Willberg, R., 633
Willen, E. H., 623, 626, 627, 631, 632, 634, 638
Williams, C. W., 423, 424
Williams, D. J., 323, 324
Williams, J. M., 210
Williamson, J. M., 315, 316
Willis, W. J., 578, 580, 582
Willitts, T. R., 539, 541, 547, 548, 552, 553, 555, 558
Willmann, R. B., 555, 556
Wilson, E. D., 33, 34
Wilson, G. V. H., 97, 107, 108
Wilson, P. J., 97
Wilson, R. R., 430
Wilson, R. W., 615
Winckler, J. R., 337
Wing, J., 6, 10, 19, 20, 21, 22, 26, 27
Winter, K., 539, 541, 547, 548, 552, 553, 555, 558
Winter, L., 427, 429
Winther, A., 95, 96, 110, 125
Wolf, E., 188
Wolfe, J. H., 300, 302, 304
Wolfenstein, L., 513, 514, 515, 519, 525, 527, 533, 540, 563
Wolfli, W., 390
Wolfsberg, K., 427, 429
Wollan, E. O., 222, 229
Wong, C., 119, 128
Woo, C. H., 596
Woods, A. D. B., 240, 242, 244, 245, 247, 255
Wu, C. S., 471-510; 511-90; 35, 97, 448, 466, 472, 512, 591, 592, 593
Wu, T. T., 514, 530
Wundt, H., 209

X

Xavier, R. M., 54, 63

Y

Yalgin, C., 122
Yamada, R., 623, 626, 627, 632, 634, 638
Yamada, Y., 48
Yamamoto, S. S., 578, 580, 582
Yang, C. N., 472, 512, 514, 519, 524, 530
Yates, M. J. L., 380, 391
Yazvitskii, Y. S., 209
Yennie, D. R., 190
Yonesawa, M., 478
Young, J. E., 195
Yuan, L. C. L., 621, 623, 626, 627, 632, 634, 638
Yuasa, T., 153, 179
Yusa, T., 159, 161

Z

Zachariasen, F., 280, 281
Zaidi, M., 596
Zakharova, V. P., 432
Zanella, P., 630, 632, 633
Zanello, D., 514
Zaretsky, D. F., 405, 406
Zebroski, E., 362, 377
Zeidman, B., 133
Zeldovich, Ya. B., 10, 19, 20, 25
Zeller, M., 146
Zichichi, A., 462
Zimmerman, B., 63
Ziock, K., 450, 452, 455
Zmuda, A. J., 334
Zobel, W., 78, 436, 439
Zory, P., 58
Zucker, A., 200
Zuckerman, J., 48
Zunti, W., 85
Zweifel, P. F., 219

CUMULATIVE INDEXES

VOLUMES 1-16

INDEX OF CONTRIBUTING AUTHORS

A

Adams, R. V., 1:107
Ajzenberg-Selove, F., 10:409
Alder, K., 14:403
Aldrich, L. T., 8:257
Alexander, L. G., 14:287
Alper, T., 10:489
Alpher, R. A., 2:1
Amati, D., 12:359
Anders, E., 9:203
Anderson, E. C., 2:63; 6:303
Anderson, K. A., 16:291
Arnold, J. R., 11:349
Arroe, H., 6:117
Asaro, F., 4:157
Atwood, K. C., 9:553

B

Barber, W. C., 12:1
Barkas, W. H., 15:67
Barros, F. deS., 16:31
Bartholomew, G. A., 11:259
Beam, C. A., 5:327
Beckerley, J. G., 10:425
Bell, R. E., 4:93
Berggren, T., 16:153
Berry, C. E., 5:197
Bieri, R., 6:179
Biermann, L., 2:335
Bigeleisen, J., 2:221
Björnerstedt, R., 13:505
Blair, J. S., 2:163
Blewett, J. P., 4:1
Blizard, E. P., 5:73
Blomeke, J. O., 15:151
Bodansky, D., 12:79
Bond, V. P., 7:135
Borst, L. B., 5:179
Bradner, H., 10:109
Breit, G., 2:365
Brooks, H., 6:215
Burbidge, G., 12:507

C

Cameron, A. G. W., 8:299
Caretto, A. A., Jr., 14:51
Chamberlain, O., 10:161
Chew, G. F., 2:163; 9:29
Chiu, H.-Y., 16:591
Chu, E. L., 2:79
Church, E. L., 10:193
Clewett, G. H., 1:293
Cole, T. E., 12:221
Comar, C. L., 15:175
Corben, H. C., 4:191
Corson, D. R., 3:67
Coryell, C. D., 2:305; 6:163
Cumming, J. B., 13:261
Cunningham, B. B., 14:323
Cutkosky, R. E., 14:175

D

Dabbs, J. W. T., 11:175
Dainton, F. S., 5:213
Dalitz, R. H., 13:339
Danos, M., 15:29
Davidson, L., 6:317
Dean, L. A., 1:597
DeBendetti, S., 4:191; 16:31
Dieke, G. H., 1:363
Dienes, G. J., 2:187
Dilworth, C., 4:271
Donovan, P. F., 12:189
DuBois, K. P., 4:351
DuMond, J. W. M., 8:163

E

Edelmann, A., 5:413
Edvarson, K., 13:505
Edwards, R. R., 1:301
Ericson, T., 16:183
Everling, F., 6:179
Eyring, H., 5:241

F

Fano, U., 13:1
Feenberg, E., 1:43
Feinberg, G., 13:431
Feld, B. T., 2:239
Feshbach, H., 8:49
Finston, H. L., 5:269
Fleischer, M., 1:465
Fleischer, R. L., 15:1
Ford, G. P., 2:399
Ford, K. W., 5:25
Forro, F., Jr., 3:339
Fraser, J. S., 16:379
Frauenfelder, H., 2:129
Freiser, H., 9:221
Fretter, W. B., 5:145
Fry, W. F., 8:105
Fubini, S., 12:359
Fuller, E. G., 15:29
Furth, J., 3:303

G

Garden, N. B., 7:47
Gell-Mann, M., 4:219; 7:407
Gibson, W. M., 12:189
Glendenin, L. E., 4:69
Glendenning, N. K., 13:191
Gluckstern, R. L., 2:365
Goland, A. N., 12:243
Goldanskii, V. I., 16:1
Goldhaber, M., 5:1
Goldring, L. S., 6:163
Goldschmidt-Clermont, Y., 3:141
Grahn, D., 10:561
Gray, L. H., 6:353
Greider, K. R., 15:291
Greisen, K., 10:63
Grover, J. R., 14:51

H

Halpern, I., 1:175; 9:245
Hanson, A. O., 3:67
Harbottle, G., 15:89
Hart, E. J., 15:125
Harvey, B. G., 10:235
Hayes, F. N., 6:303
Hempelmann, L. H., 3:369
Hendricks, S. B., 1:597
Henley, E. M., 3:1
Herber, R. H., 12:329
Herbst, R. F., 11:371
Herman, R. C., 2:1
Heydenburg, N. P., 6:77
Hicks, H. G., 3:221
Hill, D. L., 5:25
Hintenberger, H., 12:435
Hoffman, J. G., 3:369
Hofstadter, R., 7:231
Holmes, B. E., 7:89
Horne, R. A., 6:163
Hoy, G. R., 16:31
Hubbard, E. L., 11:419
Hudis, J., 9:159
Hughes, D. J., 3:93

Hughes, V. W., 16:445
Humphrey, W. E., 13:103
Hutchinson, F., 13:535

I

Inghram, M. G., 4:81

J

Jeffries, C. D., 14:101
Joanou, G. D., 14:259
Jordan, W. H., 1:207
Judd, D. L., 8:181

K

Katz, J. J., 1:245
Keim, C. P., 1:263
Kendall, H. W., 9:343
Kimball, R. F., 1:479
Koch, L. J., 9:437
Koehler, W. C., 11:303
Kohman, T. P., 4:401
Konopinski, E. J., 2:261; 9:99
Kraus, K. A., 7:31
Kraushaar, W. L., 1:175
Krauss, M., 5:241
Kretzschmar, M., 11:1
Kundu, D. N., 6:129

L

Lane, C. T., 1:413
Lane, J. A., 9:473; 16:345
Langer, L. M., 2:261
Latter, R., 11:371
Lauritsen, T., 1:67; 10:409
Lederman, L. M., 13:431
Lee, T. D., 15:381; 16:471, 511
Leprince-Ringuet, L., 3:39
Levinger, J. S., 4:13; 14:135
Libby, W. F., 11:461
Lindenbaum, S. J., 7:317; 11:213; 16:619
Livingston, M. S., 1:157, 163, 169
Loeb, W. A., 6:317
Lushbaugh, C. C., 7:163

M

McGowan, F. K., 13:163
Mack, J. E., 6:117
McGinnis, C. L., 6:129
MacGregor, M. H., 10:313
Magee, J. L., 3:171
Maier-Leibnitz, H., 16:207
Mang, H. J., 14:1
Manning, W. M., 1:245
Manov, G. G., 4:51
Marinelli, L. D., 3:249
Marshak, R. E., 1:1
Marshall, J., 4:141
Mattauch, J., 6:179
Mayer-Kuckuk, T., 16:183
Miller, G. L., 12:189
Miller, J. M., 9:159
Milton, J. C. D., 16:379
Miskel, J., 5:269
Mole, R. H., 15:207
Moravcsik, M. J., 10:324; 11:95
Morpurgo, G., 11:41
Morrison, G. H., 9:221
Mortimer, R. K., 5:327
Mössbauer, R. L., 12:123
Moyer, B. J., 8:327

N

Neher, H. V., 8:217
Nelson, F., 7:31
Nerurkar, N. W., 6:1
Ney, E. P., 10:461
Nielsen, E., 7:47
Nier, A. O., 1:137
Nierenberg, W. A., 7:349
Norris, W. P., 5:297
Northcliffe, L. C., 13:67
Noyes, H. P., 11:95

O

O'Brien, J. P., 6:423
Occhialini, G. P. S., 4:271
Okun', L., 9:61
Omnès, R. L., 16:263
Ord, M. G., 9:523

P

Page, L. A., 12:43
Pake, G. E., 4:33
Patt, H. M., 1:495
Paxton, H. C., 9:437
Peaslee, D. C., 5:99
Perlman, I., 4:157
Petersen, D. F., 4:351
Petschek, A. G., 14:29
Post, R. F., 9:367
Powers, E. L., 7:63
Price, P. B., 15:1
Price, T. D., 1:569
Puppi, G., 13:287

Q

Quastler, H., 8:387

R

Rabbitt, J. C., 1:465
Rainwater, J., 7:1
Ramsey, N., 1:97
Reines, F., 10:1
Rittenberg, D., 1:569
Roberts, J. T., 15:151
Roberts, L. D., 11:175
Robertson, J. S., 7:135
Robson, D., 16:119
Rodden, C. J., 1:343
Rogers, B. A., 1:441
Rogers, J. D., 15:241
Rosenfeld, A. H., 7:407; 13:103
Ruderman, M. A., 3:1
Rugh, R., 3:271; 9:493

S

Saito, N., 4:401
Salpeter, E. E., 2:41
Sarabhai, V., 6:1
Sayre, E. V., 13:145
Scarsi, L., 4:271
Schiff, L. I., 2:79
Schubert, J., 5:369
Segrè, E., 8:127
Shirley, D. A., 16:89
Slater, J. C., 1:199
Smith, D. E., 12:577
Solmitz, F. T., 14:375
Sparrow, A. H., 3:339
Spedding, F. H., 1:441
Spence, R. W., 3:399
Spinrad, R. J., 14:239
Springer, T., 16:207
Stapp, H. P., 10:292
Steffen, R. M., 14:403
Steinberg, E. P., 4:69
Steinberger, J., 3:1
Stelson, P. H., 13:163
Stevenson, P. C., 3:221
Stewart, H. B., 14:259
Stocken, L. A., 9:523
Storer, J. B., 10:561
Strauch, K., 2:105
Suess, H. E., 8:243
Sutin, N., 12:285
Swank, R. K., 4:111

T

Talmi, I., 10:353
Taube, H., 6:277
Temmer, G. M., 6:77
Templeton, D. H., 2:93
Thomas, J. E., Jr., 1:175
Thompson, R. C., 10:531
Thomson, J. F., 4:377
Till, J. E., 14:347
Tripp, R. D., 15:325
Tyrén, H., 16:153

U

Uehling, E. A., 4:315
Unna, I., 10:353
Upton, A. C., 3:303

V

van Lieshout, R., 6:129
Villee, C. A., 1:525

Villars, F., 7:185

W

Wahrhaftig, A. L., 5:241
Waldmann, L., 6:179
Walker, J. K., 5:197
Walker, R. M., 15:1
Watson, K. M., 4:219; 11:371
Wattenberg, A., 3:119
Way, K., 6:129
Weinberg, A. M., 12:221
Weneser, J., 5:1; 10:193
Wenzel, W. A., 14:205
Weston, R. E., Jr., 11:439
Wetherill, G. W., 8:257
Whitmore, G. F., 14:347
Wick, G. C., 8:1
Wilkinson, D. H., 9:1
Wilkinson, M. K., 11:303
Willard, J. E., 3:193
Wilson, R. R., 14:135
Wolf, A. P., 10:259
Wolfenstein, L., 6:43
Wollan, E. O., 11:303
Wood, T. H., 8:343
Woodruff, L. A., 5:297
Wu, C. S., 15:381; 16:471, 511

Y

Yaffe, L., 12:153
Yankwich, P. E., 3:235
Young, G., 6:317

Z

Zucker, A., 10:27

INDEX OF CHAPTER TITLES

VOLUMES 1-16

ACCELERATORS

High Energy Accelerators (Standard Cyclotron)	M. S. Livingston	1:157-62
High Energy Accelerators (Synchrocyclotron)	M. S. Livingston	1:163-68
High Energy Accelerators (Proton Synchrotron)	M. S. Livingston	1:169-74
High Energy Accelerators (Synchrotrons)	J. E. Thomas, Jr., W. L. Kraushaar, I. Halpern	1:175-98
High Energy Accelerators (Linear Accelerators)	J. C. Slater	1:199-206
Recent Progress in Accelerators	E. L. Chu, L. I. Schiff	2:79-92
Recent Developments in Proton Synchrotrons	J. P. Blewett	4:1-12
Nuclear Radiation Shielding	E. P. Blizard	5:73-98
Conceptual Advances in Accelerators	D. L. Judd	8:181-216
Shielding of High-Energy Accelerators	S. J. Lindenbaum	11:213-58
Heavy-Ion Accelerators	E. L. Hubbard	11:419-38

APPARATUS AND TECHNIQUES

Detection of Nuclear Particles	W. H. Jordan	1:207-44
Electromagnetic Separation of Stable Isotopes	C. P. Keim	1:263-92
Chemical Separation of Stable Isotopes	G. H. Clewett	1:293-300
The Standardization of Neutron Measurements	A. Wattenberg	3:119-40
Photographic Emulsions	Y. Goldschmidt-Clermont	3:141-70
Separation Techniques Used in Radiochemistry	P. C. Stevenson, H. G. Hicks	3:221-34
Radiation Dosimetry and Protection	L. D. Marinelli	3:249-70
Standardization of Radioactive Sources	G. G. Manov	4:51-68
Stable Isotope Dilution as an Analytical Tool	M. G. Inghram	4:81-92

Nuclear Particle Detection (Fast Electronics)	R. E. Bell	4:93-110
Nuclear Particle Detection (Characteristics of Scintillators)	R. K. Swank	4:111-40
Nuclear Particle Detection (Characteristics of Čerenkov Counters)	J. Marshall	4:141-56
Nuclear Radiation Shielding	E. P. Blizard	5:73-98
Nuclear Particle Detection (Cloud Chambers and Bubble Chambers)	W. B. Fretter	5:145-78
Radiochemical Separation Techniques	H. L. Finston, J. Miskel	5:269-96
The Fundamentals of Radioautography	W. P. Norris, L. A. Woodruff	5:297-326
Polarization of Fast Nucleons	L. Wolfenstein	6:43-76
Recent Advances in Low Level Counting Techniques	E. C. Anderson, F. N. Hayes	6:303-16
Radiochemical Separations by Ion Exchange	K. A. Kraus, F. Nelson	7:31-46
Equipment for High Level Radiochemical Processes	N. B. Garden, E. Nielsen	7:47-62
Gamma-Ray Spectroscopy by Direct Crystal Diffraction	J. W. M. DuMond	8:163-80
Practical Control of Radiation Hazards in Physics Research	B. J. Moyer	8:327-42
Solvent Extraction in Radiochemical Separations	H. Freiser, G. H. Morrison	9:221-44
Electronics Associated with Nuclear Research	H. W. Kendall	9:343-66
Bubble Chambers	H. Bradner	10:109-60
Optics of High-Energy Beams	O. Chamberlain	10:161-92
Nuclear Structure Effects in Internal Conversion	E. L. Church, J. Weneser	10:193-234
Recoil Techniques in Nuclear Reaction and Fission Studies	B. G. Harvey	10:235-58
Labeling of Organic Compounds by Recoil Methods	A. P. Wolf	10:259-90
Statistical Methods in High-Energy Physics	M. Kretzschmar	11:1-40
Shielding of High-Energy Accelerators	S. J. Lindenbaum	11:213-58
Detection of Nuclear Explosions	R. Latter, R. F. Herbst, K. M. Watson	11:371-418
Recoilless Nuclear Resonance Absorption	R. L. Mössbauer	12:123-52
Preparation of Thin Films, Sources, and Targets	L. Yaffe	12:153-88
Semiconductor Particle Detectors	G. L. Miller, W. M. Gibson, P. F. Donovan	12:189-220
High-Sensitivity Mass Spectroscopy in Nuclear Studies	H. Hintenberger	12:435-506
Analysis of Bubble Chamber Data	A. H. Rosenfeld, W. E. Humphrey	13:103-44
Methods and Applications of Activation Analysis	E. V. Sayre	13:145-62
Coulomb Excitation	P. H. Stelson, F. K. McGowan	13:163-90
Spark Chambers	W. A. Wenzel	14:205-38
Data Systems for Multiparameter Analysis	R. J. Spinrad	14:239-58
Modern Techniques Used in Nuclear Design of Reactors	G. D. Joanou, H. B. Stewart	14:259-86
Analysis of Experiments in Particle Physics	F. T. Solmitz	14:375-402
Solid-State Track Detectors: Applications to Nuclear Science and Geophysics	R. L. Fleischer, P. B. Price, R. M. Walker	15:1-28
On-Line Computer Techniques in Nuclear Research	S. J. Lindenbaum	16:619-42
ATOMIC AND MOLECULAR PROBLEMS		
Atomic and Molecular Spectroscopy	G. H. Dieke	1:363-412

Angular Correlation of Nuclear Radiation	H. Frauenfelder	2:129-62
Extranuclear Interactions of Electrons and Gamma Rays	D. R. Carson, A. O. Hanson	3:67-92
Chemical Effects of Nuclear Transformations	J. E. Willard	3:193-220
Positronium	S. DeBenedetti, H. C. Corben	4:191-218
Mass Spectra and the Chemical Species Produced by the Impact of Low Energy Electrons	M. Krauss, A. L. Wahrhaftig, H. Eyring	5:241-68
Isotope Shift in Atomic Spectra	J. E. Mack, H. Arroe	6:117-28
Nuclear Structure Effects in Internal Conversion	E. L. Church, J. Weneser	10:193-234
Recoilless Nuclear Resonance Absorption	R. L. Mössbauer	12:123-52
Chemical and Structural Effects on Nuclear Radiations	S. DeBenedetti, F. deS. Barros, G. R. Hoy	16:31-88
Thermal Equilibrium Nuclear Orientation	D. A. Shirley	16:89-118
Muonium	V. W. Hughes	16:445-70
BIOLOGY AND MEDICINE		
Genetic Effects of Radiation	R. F. Kimball	1:479-94
Some Aspects of the Biological Action of High Energy Radiations	H. M. Patt	1:495-524
Radioisotopes in Biochemical and Medical Research	C. A. Villee	1:525-68
Stable Isotopes in Biochemical Research	D. Rittenberg, T. D. Price	1:569-96
Radioisotopes in Soils Research and Plant Nutrition	S. B. Hendricks, L. A. Dean	1:597-610
Radiation Dosimetry and Protection	L. D. Marinelli	3:249-70
Vertebrate Radiobiology: Embryology	R. Rugh	3:271-302
Vertebrate Radiobiology: Histopathology and Carcinogenesis	J. Furth, A. C. Upton	3:303-38
Cellular Radiobiology	A. H. Sparrow, F. Forro, Jr.	3:339-68
Practical Aspects of Radiation Injury	L. H. Hempelmann, J. G. Hoffman	3:369-92
Biochemical Effects of Radiation	K. P. DuBois, D. F. Peterson	4:351-76
Vertebrate Radiobiology (Lethal Actions and Associated Effects)	J. F. Thomson	4:377-400
Cellular Radiobiology	R. K. Mortimer, C. A. Beam	5:327-68
Removal of Radioelements from the Mammalian Body	J. Schubert	5:369-412
Vertebrate Radiobiology: Physiology	A. Edelmann	5:413-24
Cellular Radiobiology	L. H. Gray	6:353-422
Vertebrate Radiobiology: Embryology	J. P. O'Brien	6:423-53
Cellular Radiobiology	E. L. Powers	7:63-88
Biochemical Effects of Ionizing Radiation	B. E. Holmes	7:89-134
Vertebrate Radiobiology (Lethal Actions and Associated Effects)	V. P. Bond, J. S. Robertson	7:135-62
Vertebrate Radiobiology (The Pathology of Radiation Exposure)	C. C. Lushbaugh	7:163-84
Cellular Radiobiology	T. H. Wood	8:343-86
Information Theory in Radiobiology	H. Quastler	8:387-400
Vertebrate Radiobiology (Embryology)	R. Rugh	9:493-522
Biochemical Effects of Ionizing Radiation	M. G. Ord, L. A. Stocken	9:523-52
Cellular Radiobiology	K. C. Atwood	9:553-92
Cellular Radiobiology	T. Alper	10:489-530
Vertebrate Radiobiology: Metabolism of Internal Emitters	R. C. Thompson	10:531-60
Vertebrate Radiobiology: Late Effects	J. B. Storer, D. Grahn	10:561-82
Free Radicals in Irradiated Biological Materials and Systems	D. E. Smith	12:577-602
Radiation Effects on Macromolecules of Biological Importance	F. Hutchinson	13:535-64

Quantitation of Cellular Radiobiological Responses	G. F. Whitmore, J. E. Till	14:347-74
Movement of Fallout Radionuclides Through the Biosphere and Man	C. L. Comar	15:175-206
Dose Response Relationships, Particularly in Mammalian Radiobiology	R. H. Mole	15:207-40
CHEMISTRY		
Chemistry of the Actinide Elements	J. J. Katz, W. M. Manning	1:245-62
Chemical Separation of Stable Isotopes	G. H. Clewett	1:293-300
Isotopic Tracers in Chemical Systems	R. R. Edwards	1:301-42
Analytical Nuclear Chemistry	C. J. Rodden	1:343-62
Atomic and Molecular Spectroscopy	G. H. Dieke	1:363-412
Nuclear Reactions Induced by High Energy Particles	D. H. Templeton	2:93-104
High Energy Fission	R. W. Spence, G. P. Ford	2:399-410
Isotopes	J. Bigeleisen	2:221-38
Radiation Chemistry	J. L. Magee	3:171-92
Chemical Effects of Nuclear Transformations	J. E. Willard	3:193-220
Separation Techniques Used in Radiochemistry	P. C. Stevenson, H. G. Hicks	3:221-34
Isotope Effects in Chemical Reactions	P. E. Yankwich	3:235-48
Fission Radiochemistry (Low-Energy Fission)	L. E. Glendenin, E. P. Steinberg	4:69-80
Stable Isotope Dilution as an Analytical Tool	M. G. Inghram	4:81-92
Positronium	S. DeBenedetti, H. C. Corben	4:191-218
Biochemical Effects of Radiation	K. P. DuBois, D. F. Petersen	4:351-76
Radiation Chemistry	F. S. Dainton	5:213-40
Mass Spectra and the Chemical Species Produced by the Impact of Low Energy Electrons	M. Krauss, A. L. Wahrhaftig, H. Eyring	5:241-68
Radiochemical Separation Techniques	H. L. Finston, J. Miskel	5:269-96
Generalized Acidity in Radiochemical Separations	R. A. Horne, C. D. Coryell, L. S. Goldring	6:163-78
Applications of Oxygen Isotopes in Chemical Studies	H. Taube	6:277-302
Radiochemical Separations by Ion Exchange	K. A. Kraus, F. Nelson	7:31-46
Equipment for High Level Radiochemical Processes	N. B. Garden, E. Nielsen	7:47-62
High-Energy Nuclear Reactions	J. M. Miller, J. Hudis	9:159-202
Technetium and Astatine Chemistry	E. Anders	9:203-20
Solvent Extraction in Radiochemical Separations	H. Freiser, G. H. Morrison	9:221-44
Labeling of Organic Compounds by Recoil Methods	A. P. Wolf	10:259-90
Neutron Diffraction	M. K. Wilkinson, E. O. Wollan, W. C. Koehler	11:303-48
Nuclear Effects of Cosmic Rays in Meteorites	J. R. Arnold	11:349-70
Isotope Effects in Chemical Reactions	R. E. Weston, Jr.	11:439-60
Preparation of Thin Films, Sources, and Targets	L. Yaffe	12:153-88
Electron Exchange Reactions	N. Sutin	12:285-328
Isotopic Exchange Reactions in Nonaqueous Systems	R. H. Herber	12:329-58
Methods and Applications of Activation Analysis	E. V. Sayre	13:145-62
Monitor Reactions for High Energy Proton Beams	J. B. Cumming	13:261-86
Physics, Chemistry, and Meteorology of Fallout	R. Björnerstedt, K. Edvarson	13:505-34
Nucleon, Two-Nucleon Reactions Above		

100 MeV	J. R. Grover, A. A. Caretto, Jr.,	14:51-100
Chemistry of the Actinide Elements	B. B. Cunningham	14:323-46
Chemical Effects of Nuclear Transformations in Inorganic Solids	G. Harbottle	15:89-124
Radiation Chemistry of Aqueous Solutions	E. J. Hart	15:125-50
Chemical and Structural Effects on Nuclear Radiations	S. DeBenedetti, F. deS. Barros, G. R. Hoy	16:31-88
Thermal Equilibrium Nuclear Orientation	D. A. Shirley	16:89-118
Muonium	V. W. Hughes	16:445-70
COSMIC RAYS		
Nuclear Interactions of Cosmic Rays	R. V. Adams	1:107-36
Origin and Propagation of Cosmic Rays	L. Biermann	2:335-64
Mesons and Heavy Unstable Particles in Cosmic Rays	L. Leprince-Ringuet	3:39-66
Time Variations of Primary Cosmic Rays	V. Sarabhai, N. W. Nerurkar	6:1-42
The Primary Cosmic Radiation	H. V. Neher	8:217-42
Cosmic Ray Showers	K. Greisen	10:63-108
Experiments on Cosmic Rays and Related Subjects During the International Geophysical Year	E. P. Ney	10:461-88
Nuclear Effects of Cosmic Rays in Meteorites	J. R. Arnold	11:349-70
EARTH AND SPACE SCIENCES		
Nuclear Interactions of Cosmic Rays	R. V. Adams	1:107-36
Geochemistry	M. Fleischer, J. C. Rabbitt	1:465-78
The Origin and Abundance Distribution of the Elements	R. A. Alpher, R. C. Herman	2:1-40
Energy Production in Stars	E. E. Salpeter	2:41-62
The Production and Distribution of Natural Radiocarbon	E. C. Anderson	2:63-78
Radioactivity in Geology and Cosmology	T. P. Kohman, N. Saito	4:401-62
The Radioactivity of the Atmosphere and Hydrosphere	H. E. Suess	8:243-56
Geochronology by Radioactive Decay	L. T. Aldrich, G. W. Wetherill	8:257-98
Nuclear Astrophysics	A. G. W. Cameron	8:299-326
Experiments on Cosmic Rays and Related Subjects During the International Geophysical Year	E. P. Ney	10:461-88
Nuclear Effects of Cosmic Rays in Meteorites	J. R. Arnold	11:349-70
Nuclear Astrophysics	G. Burbidge	12:507-76
Physics, Chemistry, and Meteorology of Fallout	R. Björnerstedt, K. Edvarson	13:505-34
Solid-State Track Detectors: Applications to Nuclear Science and Geophysics	R. L. Fleischer, P. B. Price, R. M. Walker	15:1-28
Movement of Fallout Radionuclides Through the Biosphere and Man	C. L. Comar	15:175-206
Energetic Particles in the Earth's Magnetic Field	K. A. Anderson	16:291-344
Neutrinos in Astrophysics and Cosmology	H.-Y. Chiu	16:591-618
INTERACTIONS AND EFFECTS OF RADIATION		
Detection of Nuclear Particles	W. H. Jordan	1:207-44
Genetic Effects of Radiation	R. F. Kimball	1:479-94
Some Aspects of the Biological Action of High Energy Radiations	H. M. Patt	1:495-524
Radiation Effects in Solids	G. J. Dienes	2:187-220
Extranuclear Interactions of Electrons and Gamma Rays	D. R. Corson, A. O. Hanson	3:67-92
Radiation Chemistry	J. L. Magee	3:171-92

Radiation Dosimetry and Protection	L. D. Marinelli	3:249-70
Practical Aspects of Radiation Injury	L. H. Hempelmann, J. G. Hoffman	3:369-92
Positronium	S. DeBenedetti, H. C. Corben	4:191-218
Penetration of Heavy Charged Particles in Matter	E. A. Uehling	4:315-50
Biochemical Effects of Radiation	K. P. DuBois, D. F. Petersen	4:351-76
Vertebrate Radiobiology (Lethal Actions and Associated Effects)	J. F. Thomson	4:377-400
Nuclear Radiation Shielding	E. P. Blizard	5:73-98
Radiation Chemistry	F. S. Dainton	5:213-40
Cellular Radiobiology	R. K. Mortimer, C. A. Beam	5:327-68
Vertebrate Radiobiology: Physiology	A. Edelmann	5:413-24
Excitation of Nuclei by Charged Particles	N. P. Heydenburg, G. M. Temmer	6:77-116
Nuclear Radiations in Solids	H. Brooks	6:215-76
Cellular Radiobiology	L. H. Gray	6:353-422
Vertebrate Radiobiology: Embryology	J. P. O'Brien	6:423-53
Cellular Radiobiology	E. L. Powers	7:63-88
Biochemical Effects of Ionizing Radiation	B. E. Holmes	7:89-134
Vertebrate Radiobiology (Lethal Actions and Associated Effects)	V. P. Bond, J. S. Robertson	7:135-62
Vertebrate Radiobiology (The Pathology of Radiation Exposure)	C. Lushbaugh	7:163-84
Practical Control of Radiation Hazards in Physics Research	B. J. Moyer	8:327-42
Cellular Radiobiology	T. H. Wood	8:343-86
Vertebrate Radiobiology (Embryology)	R. Rugh	9:493-522
Biochemical Effects of Ionizing Radiation	M. G. Ord, L. A. Stocken	9:523-52
Cellular Radiobiology	K. C. Atwood	9:553-92
Cellular Radiobiology	T. Alper	10:489-530
Vertebrate Radiobiology: Metabolism of Internal Emitters	R. C. Thompson	10:531-60
Vertebrate Radiobiology: Late Effects	J. B. Storer, D. Grahn	10:561-82
Atomic Displacements in Solids by Nuclear Radiation	A. N. Goland	12:243-84
Free Radicals in Irradiated Biological Materials and Systems	D. E. Smith	12:577-602
Penetration of Protons, Alpha Particles, and Mesons	U. Fano	13:1-66
Passage of Heavy Ions Through Matter	L. C. Northcliffe	13:67-102
Radiation Effects on Macromolecules of Biological Importance	F. Hutchinson	13:535-64
Quantitation of Cellular Radiobiological Responses	G. F. Whitmore, J. E. Till	14:347-74
Radiation Chemistry of Aqueous Solutions	E. J. Hart	15:125-50
Dose Response Relationships, Particularly in Mammalian Radiobiology	R. H. Mole	15:207-40
NEUTRONS, NUCLEAR REACTORS		
Neutron Optics	D. J. Hughes	3:93-118
The Standardization of Neutron Measurements	A. Wattenberg	3:119-40
Fission Radiochemistry (Low-Energy Fission)	L. E. Glendenin, E. P. Steinberg	4:69-80
Nuclear Radiation Shielding	E. P. Blizard	5:73-98
Design Comparison of Reactors for Research	L. B. Borst	5:179-96
Nuclear Reactors for Electric Power Generation	L. Davidson, W. A. Loeb, G. Young	6:317-52

High-Temperature Plasma Research and Controlled Fusion	R. F. Post	9:367-436
Fast Reactors	L. J. Koch, H. C. Paxton	9:437-72
Economics of Nuclear Power	J. A. Lane	9:473-92
Neutron Diffraction	M. K. Wilkinson, E. O. Wollan, W. C. Koehler	11:303-48
Detection of Nuclear Explosions	R. Latter, R. F. Herbst, K. M. Watson	11:371-418
Technology of Research Reactors	T. E. Cole, A. M. Weinberg	12:221-42
Modern Techniques Used in Nuclear Design of Reactors	G. D. Joanou, H. B. Stewart	14:259-86
Breeder Reactors	L. G. Alexander	14:287-322
Production and Use of Thermal Reactor Neutron Beams	H. Maier-Leibnitz, T. Springer	16:207-62
Economics of Nuclear Power	J. A. Lane	16:345-78
NUCLEAR APPLICATIONS		
Isotopic Tracers in Chemical Systems	R. R. Edwards	1:301-42
Atomic and Molecular Spectroscopy	G. H. Dieke	1:363-412
Geochemistry	M. Fleischer, J. C. Rabbitt	1:465-78
Radioisotopes in Biochemical and Medical Research	C. A. Villee	1:525-68
Stable Isotopes in Biochemical Research	D. Rittenberg, T. D. Price	1:569-96
Radioisotopes in Soils Research and Plant Nutrition	S. B. Hendricks, L. A. Dean	1:597-610
The Production and Distribution of Natural Radiocarbon	E. C. Anderson	2:63-78
Stable Isotope Dilution as an Analytical Tool	M. G. Inghram	4:81-92
Industrial Applications (Mass Spectrometry)	C. E. Berry, J. K. Walker	5:197-212
Nuclear Methods for Subsurface Prospecting	J. G. Beckerley	10:425-60
Detection of Nuclear Explosions	R. Latter, R. F. Herbst, K. M. Watson	11:371-418
Industrial Uses of Isotopes	W. F. Libby	11:461-82
Methods and Applications of Activation Analysis	E. V. Sayre	13:145-62
Physics, Chemistry, and Meteorology of Fallout	R. Björnerstedt, K. Edvarson	13:505-34
Solid-State Track Detectors: Applications to Nuclear Science and Geophysics	R. L. Fleischer, P. B. Price, R. M. Walker	15:1-28
Waste Management	J. O. Blomeke, J. T. Roberts	15:151-74
Movement of Fallout Radionuclides Through the Biosphere and Man	C. L. Comar	15:175-206
NUCLEAR PROPERTIES, RADIOACTIVITY, AND NUCLEAR REACTIONS		
Recent Developments in the Theory of Nuclear Structure	E. Feenberg	1:43-66
Energy Levels of Light Nuclei	T. Lauritsen	1:67-96
Nuclear Moments	N. Ramsey	1:97-106
Nuclear Interactions of Cosmic Rays	R. V. Adams	1:107-36
Mass and Relative Abundance of Isotopes	A. O. Nier	1:137-56
Low Temperature Phenomena	C. T. Lane	1:413-40
Nuclear Reactions Induced by High Energy Particles	D. H. Templeton	2:93-104
Recent Studies of Photonuclear Reactions	K. Strauch	2:105-28
Angular Correlation of Nuclear Radiation	H. Frauenfelder	2:129-62
Nuclear Moments	B. T. Feld	2:239-60
The Experimental Clarification of the Theory of β-Decay	E. J. Konopinski, L. M. Langer	2:261-304
β-Decay Energetics	C. D. Coryell	2:305-34
High Energy Fission	R. W. Spence, G. P. Ford	2:399-410

Theories of Photonuclear Reactions	J. S. Levinger	4:13-32
Radiofrequency and Microwave Spectroscopy of Nuclei	G. E. Pake	4:33-50
Standardization of Radioactive Sources	G. G. Manov	4:51-68
Alpha Radioactivity	I. Perlman, F. Asaro	4:157-90
Electromagnetic Transitions in Nuclei	M. Goldhaber, J. Weneser	5:1-24
The Distribution of Charge in the Nucleus	K. W. Ford, D. L. Hill	5:25-72
Nuclear Reactions of Intermediate Energy Heavy Particles	D. C. Peaslee	5:99-144
Excitation of Nuclei by Charged Particles	N. P. Heydenburg, G. M. Temmer	6:77-116
Properties of Medium-Weight Nuclei	K. Way, D. N. Kundu, C. L. McGinnis, R. van Lieshout	6:129-62
The Masses of Light Nuclides	J. Mattauch, L. Waldmann, R. Bieri, F. Everling	6:179-214
Nuclear and Nucleon Scattering of High-Energy Electrons	R. Hofstadter	7:231-316
Collision of ≤1 Bev Particles (Excluding Electrons and Photons) with Nuclei	S. J. Lindenbaum	7:317-48
The Measurement of the Nuclear Spins and Static Moments of Radioactive Isotopes	W. A. Nierenberg	7:349-406
The Collective Model of Nuclei	F. Villars	7:185-230
Invariance Principles of Nuclear Physics	G. C. Wick	8:1-48
The Optical Model and Its Justification	H. Feshbach	8:49-104
Hyperfragments	W. F. Fry	8:105-26
Gamma-Ray Spectroscopy by Direct Crystal Diffraction	J. W. M. DuMond	8:163-80
Geochronology by Radioactive Decay	L. T. Aldrich, G. W. Wetherill	8:257-98
Nuclear Photodisintegration	D. H. Wilkinson	9:1-28
The Experimental Clarification of the Laws of β-Radioactivity	E. J. Konopinski	9:99-158
High-Energy Nuclear Reactions	J. M. Miller, J. Hudis	9:159-202
Nuclear Fission	I. Halpern	9:245-342
Neutrino Interactions	F. Reines	10:1-26
Nuclear Interactions of Heavy Ions	A. Zucker	10:27-62
Nuclear Structure Effects in Internal Conversion	E. L. Church, J. Weneser	10:193-234
Recoil Techniques in Nuclear Reaction and Fission Studies	B. G. Harvey	10:235-58
Theoretical Interpretation of the Energy Levels of Light Nuclei	I. Talmi, I. Unna	10:353-408
Appendix: Energy Levels of the Light Nuclei	F. Ajzenberg-Selove, T. Lauritsen	10:409-24
Nuclear Orientation	L. D. Roberts, J. W. T. Dabbs	11:175-212
Neutron Capture Gamma Rays	G. A. Bartholomew	11:259-302
Nuclear Effects of Cosmic Rays in Meteorites	J. R. Arnold	11:349-70
Inelastic Electron Scattering	W. C. Barber	12:1-42
The Polarization Measurements on Beta and Gamma Rays	L. A. Page	12:43-78
Compound Statistical Features in Nuclear Reactions	D. Bodansky	12:79-122
Recoilless Nuclear Resonance Absorption	R. L. Mössbauer	12:123-52
High-Sensitivity Mass Spectroscopy in Nuclear Studies	H. Hintenberger	12:435-506
Coulomb Excitation	P. H. Stelson, F. K. McGowan	13:163-90
Nuclear Stripping Reactions	N. K. Glendenning	13:191-260
Monitor Reactions for High Energy Proton Beams	J. B. Cumming	13:261-86
Alpha Decay	H. J. Mang	14:1-28
Recent Progress in the Theory of		

Nuclear Matter	A. G. Petschek	14:29-50
Nucleon, Two-Nucleon Reactions Above 100 MeV	J. R. Grover, A. A. Caretto, Jr.	14:51-100
Dynamic Orientation of Nuclei	C. D. Jeffries	14:101-34
Electromagnetic Moments of Excited Nuclear States	K. Alder, R. M. Steffen	14:403-82
Photonuclear Reactions	M. Danos, E. G. Fuller	15:29-66
Nonspherical Nuclei	J. D. Rogers	15:241-90
Reactions Between Complex Nuclei	K. R. Greider	15:291-324
Weak Interactions (First section)	T. D. Lee, C. S. Wu	15:381-476
Weak Interactions (Second section)	T. D. Lee, C. S. Wu	16:471-590
Chapter 8: Decays of Charged K Mesons		16:471-510
Chapter 9: Decays of Neutral K Mesons		16:511-90
Modes of Radioactive Decay Involving Proton Emission	V. I. Goldanskii	16:1-30
Chemical and Structural Effects on Nuclear Radiations	S. DeBenedetti, F. deS. Barros, G. R. Hoy	16:31-88
Thermal Equilibrium Nuclear Orientation	D. A. Shirley	16:89-118
Isobaric Spin in Nuclear Physics	D. Robson	16:119-52
Quasi-Free Scattering	T. Berggren, H. Tyrén	16:153-82
Fluctuations in Nuclear Reactions	T. Ericson, T. Mayer-Kuckuk	16:183-206
Production and Use of Thermal Reactor Neutron Beams	H. Maier-Leibnitz, T. Springer	16:207-62
Nuclear Fission	J. S. Fraser, J. C. D. Milton	16:379-444
On-Line Computer Techniques in Nuclear Research	S. J. Lindenbaum	16:519-42
PARTICLE PHYSICS		
Meson Physics	R. E. Marshak	1:1-42
Subnuclear Particles	J. S. Blair, G. F. Chew	2:163-86
Advances in Nucleon-Nucleon Scattering Experiments and Their Theoretical Consequences	G. Breit, R. L. Gluckstern	2:365-98
Reactions of π-Mesons with Nucleons	E. M. Henley, M. A. Ruderman, J. Steinberger	3:1-38
Mesons and Heavy Unstable Particles in Cosmic Rays	L. Leprince-Ringuet	3:39-66
Positronium	S. DeBenedetti, H. C. Corben	4:191-218
The Interactions Between π-Mesons and Nucleons	M. Gell-Mann, K. M. Watson	4:219-70
Heavy Mesons	C. Dilworth, G. P. S. Occhialini, L. Scarsi	4:271-314
Polarization of Fast Nucleons	L. Wolfenstein	6:43-76
Mu-Meson Physics	J. Rainwater	7:1-30
Nuclear and Nucleon Scattering of High-Energy Electrons	R. Hofstadter	7:231-316
Hyperons and Heavy Mesons (Systematics and Decay)	M. Gell-Mann, A. H. Rosenfeld	7:407-78
Invariance Principles of Nuclear Physics	G. C. Wick	8:1-48
Hyperfragments	W. F. Fry	8:105-26
Antinucleons	E. Segrè	8:127-62
The Pion-Nucleon Interaction and Dispersion Relations	G. F. Chew	9:29-60
Strange Particles	L. Okun'	9:61-98
Neutrino Interactions	F. Reines	10:1-26
Nucleon-Nucleon Scattering Experiments and Their Phenomenological Analysis		10:291-352
General Formalism	H. P. Stapp	10:292-312
Experimental Data	M. H. MacGregor	10:313-23
Phenomenological Analysis	M. J. Moravcsik	10:324-52
Statistical Methods in High-Energy Physics	M. Kretzschmar	11:1-40
Strong Interactions and Reactions of		

Hyperons and Heavy Mesons	G. Morpurgo	11:41-94
Theories of Nucleon-Nucleon Elastic Scattering	M. J. Moravcsik, H. P. Noyes	11:95-174
Inelastic Electron Scattering	W. C. Barber	12:1-42
Dispersion Relation Methods in Strong Interactions	D. Amati, S. Fubini	12:359-434
Monitor Reactions for High Energy Proton Beams	J. B. Cumming	13:261-86
Pionic Resonances	G. Puppi	13:287-338
Strange-Particle Resonant States	R. H. Dalitz	13:339-430
The Physics of Muons and Muon Neutrinos	G. Feinberg, L. M. Lederman	13:431-504
Structure of the Proton	R. R. Wilson, J. S. Levinger	14:135-74
Symmetries Among the Strongly Interacting Particles	R. E. Cutkosky	14:175-204
Spark Chambers	W. A. Wenzel	14:205-38
Analysis of Experiments in Particle Physics	F. T. Solmitz	14:375-402
Masses of the Metastable Particles	W. H. Barkas	15:67-88
Spin and Parity Determination of Elementary Particles	R. D. Tripp	15:325-80
Weak Interactions (First section)	T. D. Lee, C. S. Wu	15:381-476
Weak Interactions (Second section)	T. D. Lee, C. S. Wu	16:471-590
Chapter 8: Decays of Charged K Mesons		16:471-510
Chapter 9: Decays of Neutral K Mesons		16:511-90
Regge Poles	R. L. Omnès	16:263-90
Muonium	V. W. Hughes	16:445-70
On-Line Computer Techniques in Nuclear Research	S. J. Lindenbaum	16:619-42
SOLID STATE		
Progress in Metallurgy	B. A. Rogers, F. H. Spedding	1:441-64
Radiation Effects in Solids	G. J. Dienes	2:187-220
Nuclear Radiation Effects in Solids	H. Brooks	6:215-76
Neutron Diffraction	M. K. Wilkinson, E. O. Wollan, W. C. Koehler	11:303-48
Recoilless Nuclear Resonance Absorption	R. L. Mössbauer	12:123-52
Atomic Displacements in Solids by Nuclear Radiation	A. N. Goland	12:243-84
Chemical Effects of Nuclear Transformations in Inorganic Solids	G. Harbottle	15:89-124